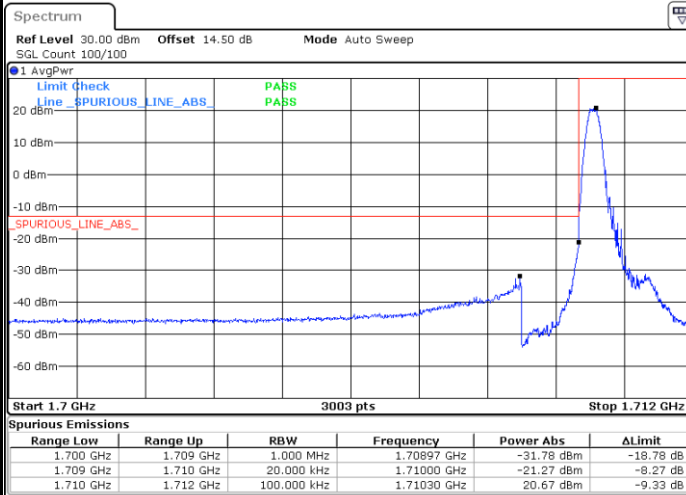


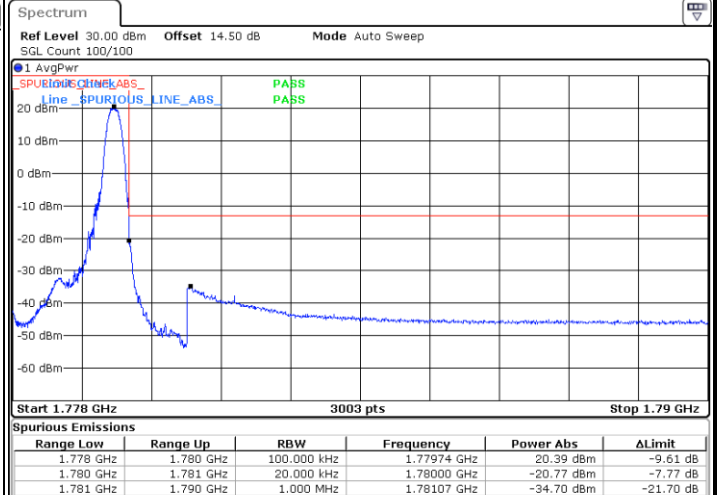


## LTE Band 66 / 1.4MHz / 16QAM

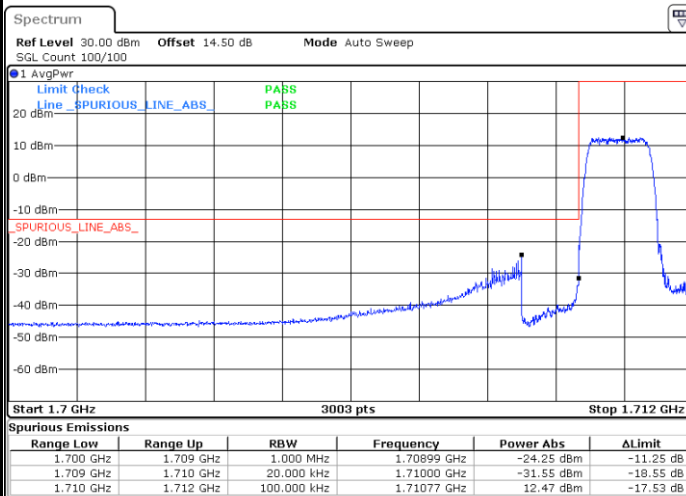
## Lowest Band Edge / 1 RB



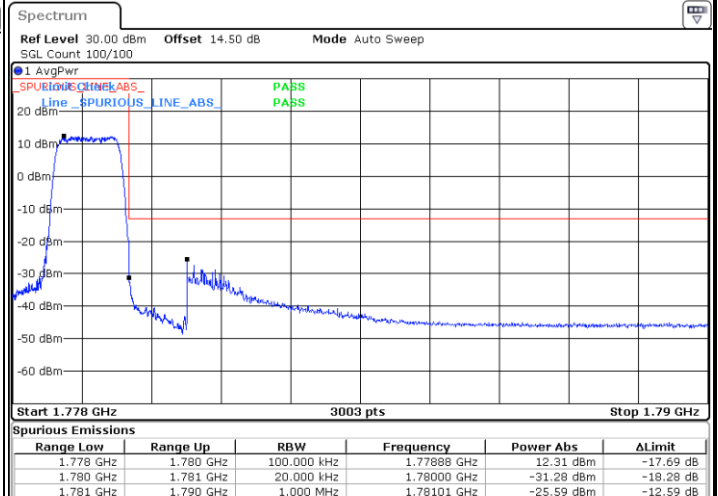
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



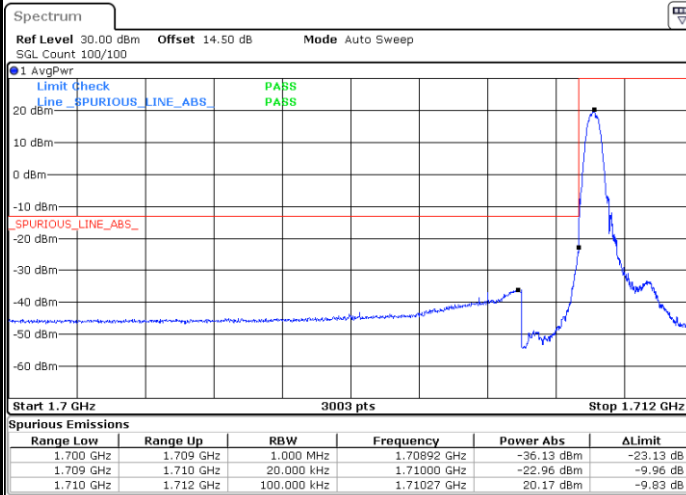
## Highest Band Edge / Full RB





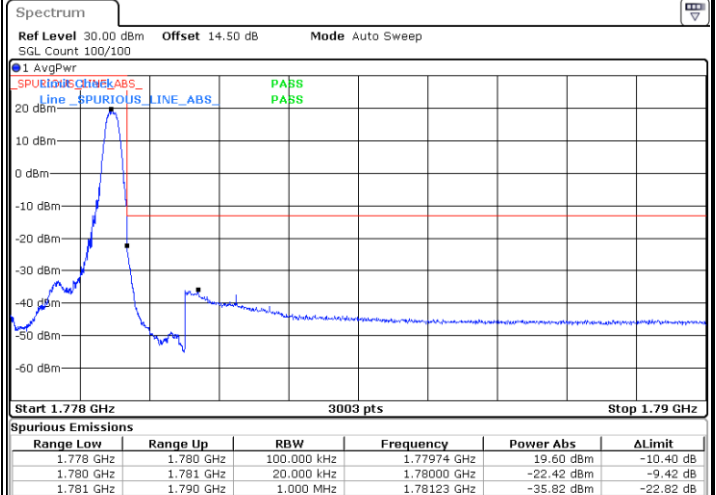
## LTE Band 66 / 1.4MHz / 64QAM

## Lowest Band Edge / 1 RB



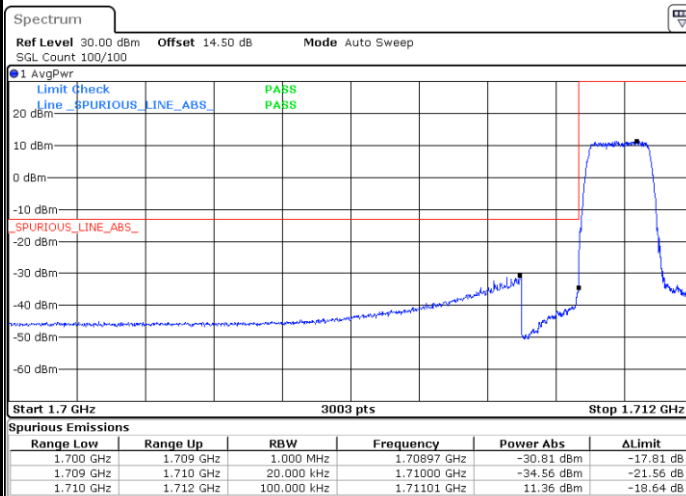
Date: 2 JAN 2025 17:50:41

## Highest Band Edge / 1 RB



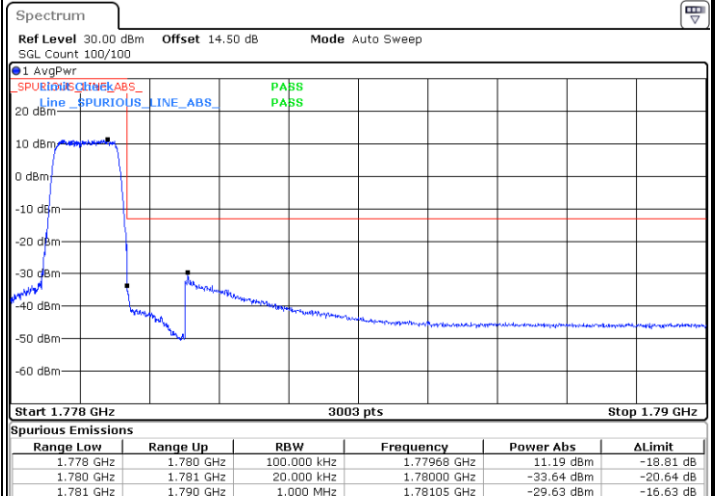
Date: 2 JAN 2025 17:58:54

## Lowest Band Edge / Full RB



Date: 2 JAN 2025 17:54:07

## Highest Band Edge / Full RB

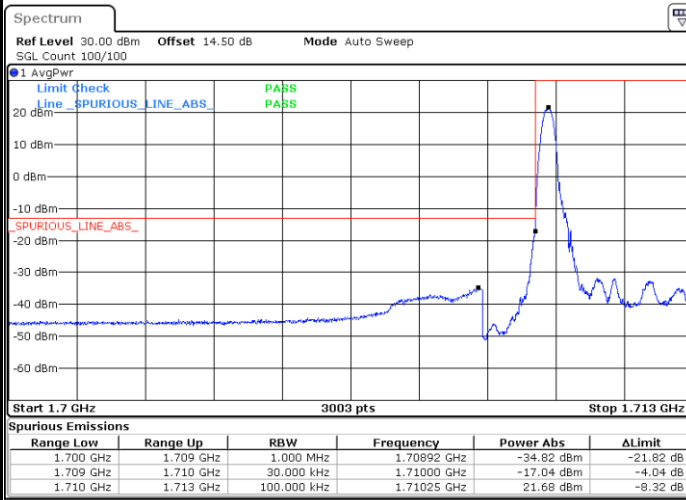


Date: 2 JAN 2025 18:02:20



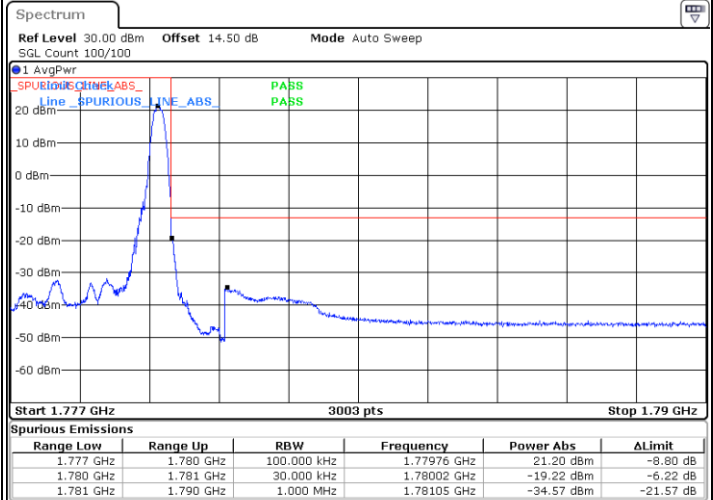
## LTE Band 66 / 3MHz / QPSK

## Lowest Band Edge / 1RB



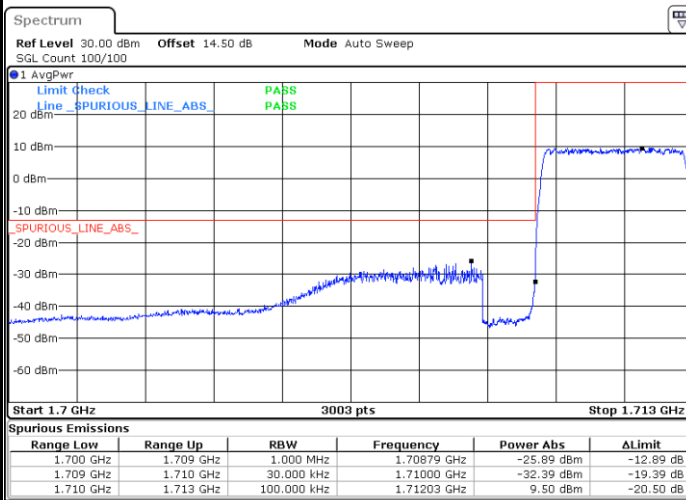
Date: 2 JAN 2025 18:03:54

## Highest Band Edge / 1RB



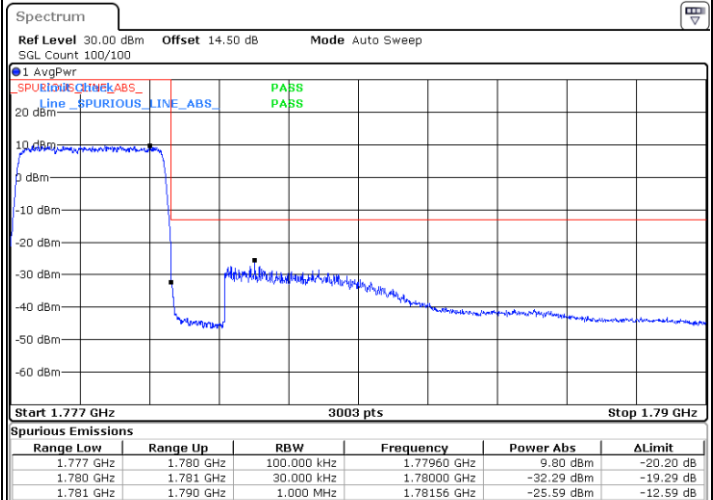
Date: 2 JAN 2025 18:12:07

## Lowest Band Edge / Full RB



Date: 2 JAN 2025 18:07:20

## Highest Band Edge / Full RB

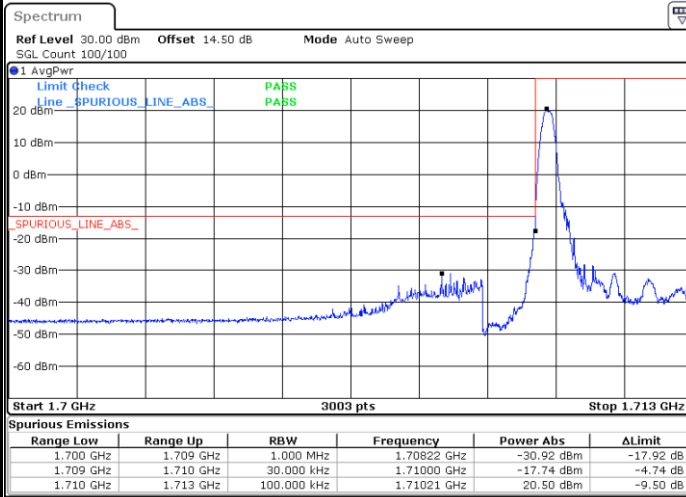


Date: 2 JAN 2025 18:14:38

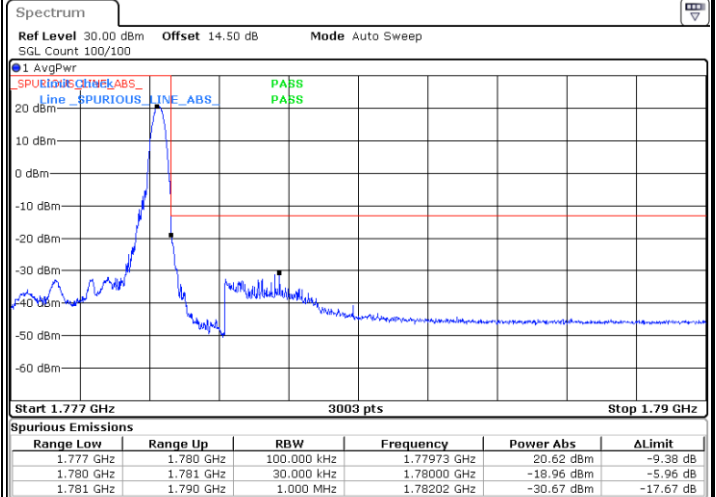


## LTE Band 66 / 3MHz / 16QAM

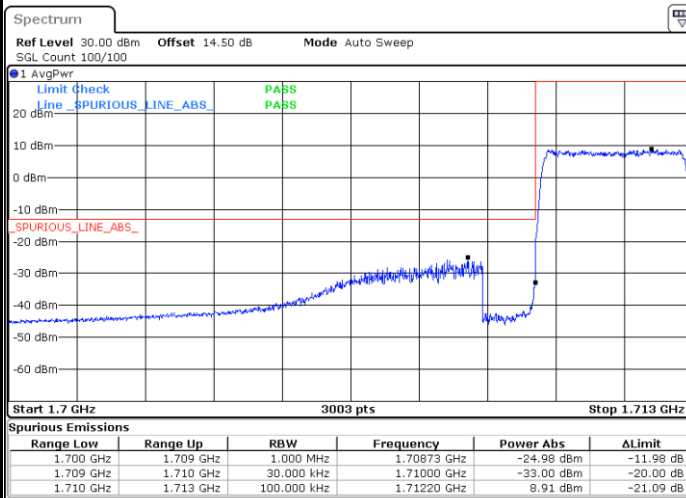
## Lowest Band Edge / 1 RB



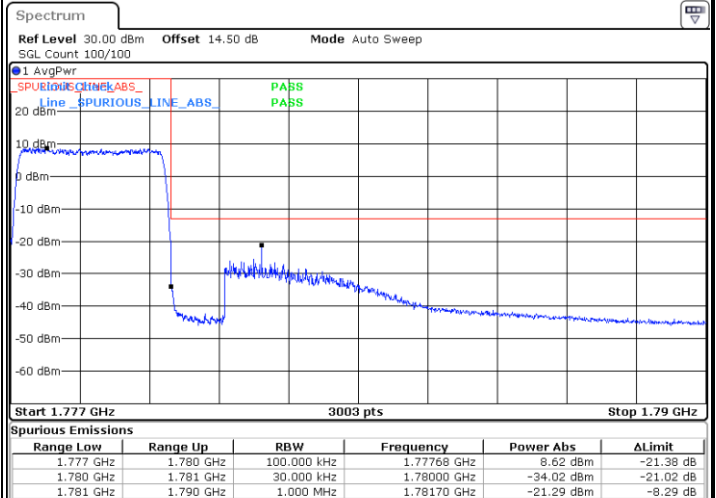
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



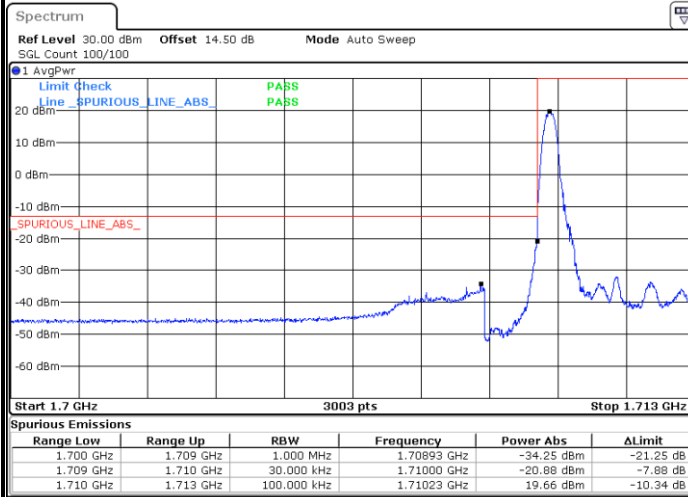
## Highest Band Edge / Full RB



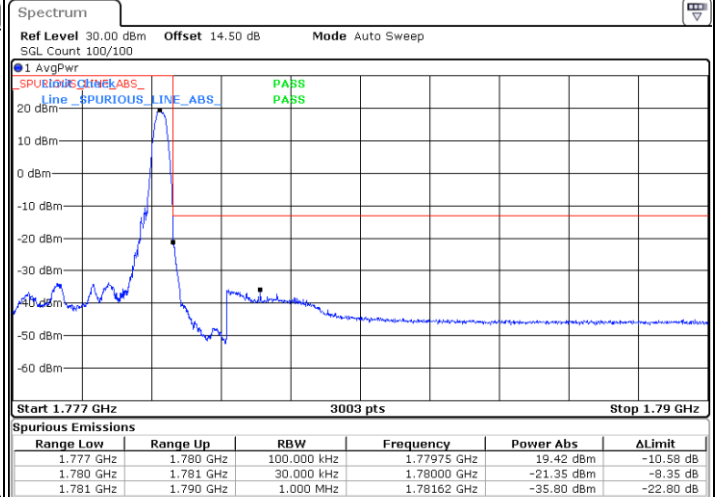


## LTE Band 66 / 3MHz / 64QAM

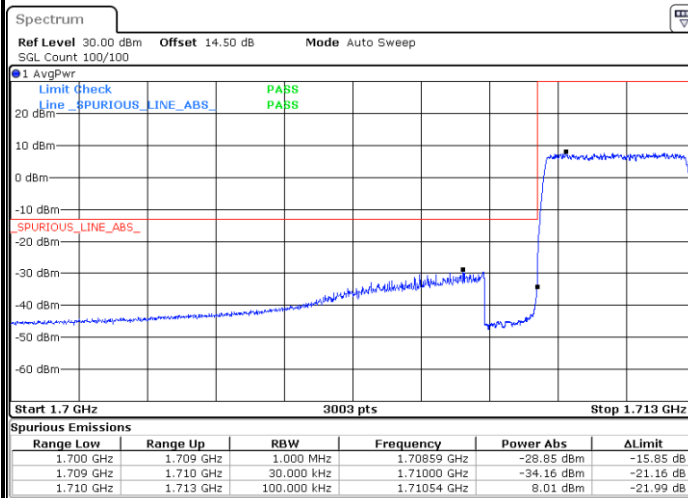
## Lowest Band Edge / 1 RB



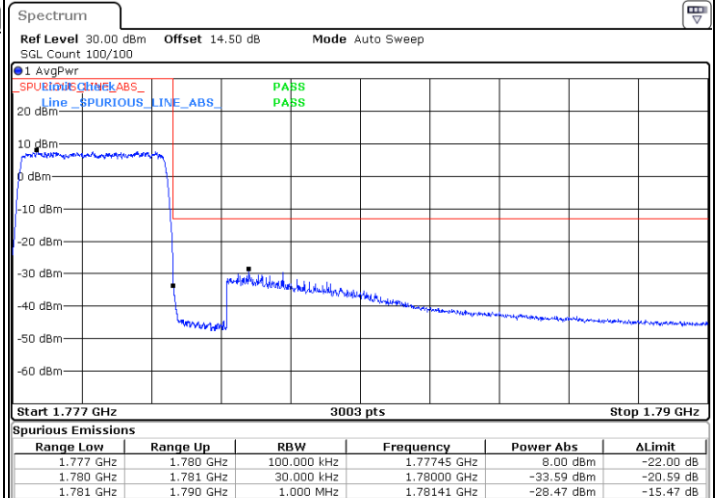
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



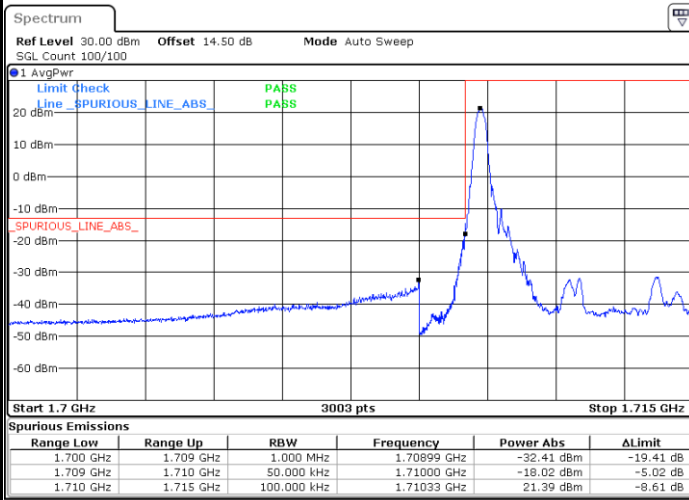
## Highest Band Edge / Full RB





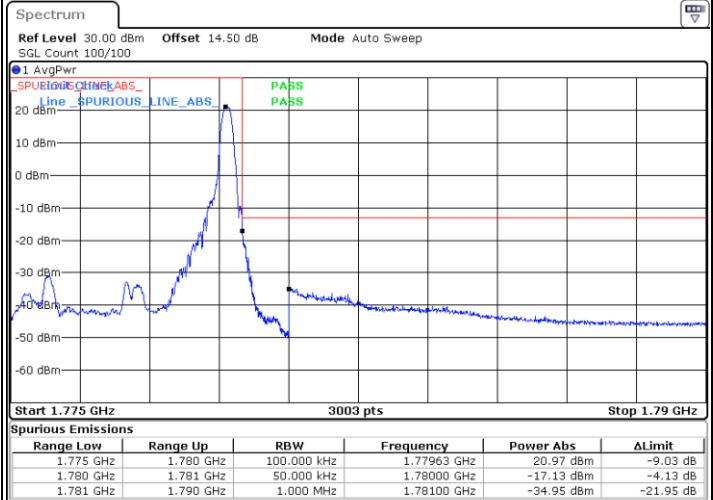
## LTE Band 66 / 5MHz / QPSK

## Lowest Band Edge / 1RB



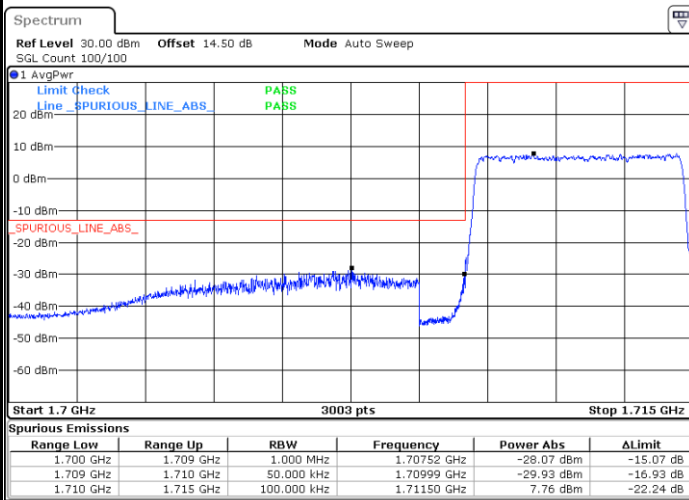
Date: 2 JAN 2025 18:18:47

## Highest Band Edge / 1RB



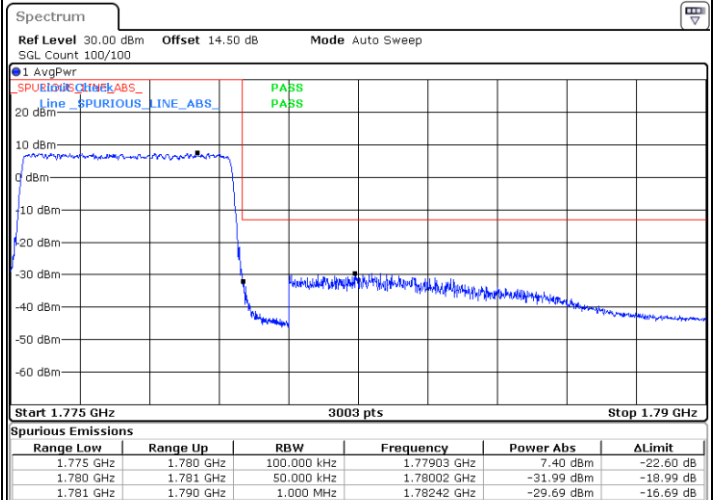
Date: 2 JAN 2025 18:27:00

## Lowest Band Edge / Full RB



Date: 2 JAN 2025 18:22:13

## Highest Band Edge / Full RB

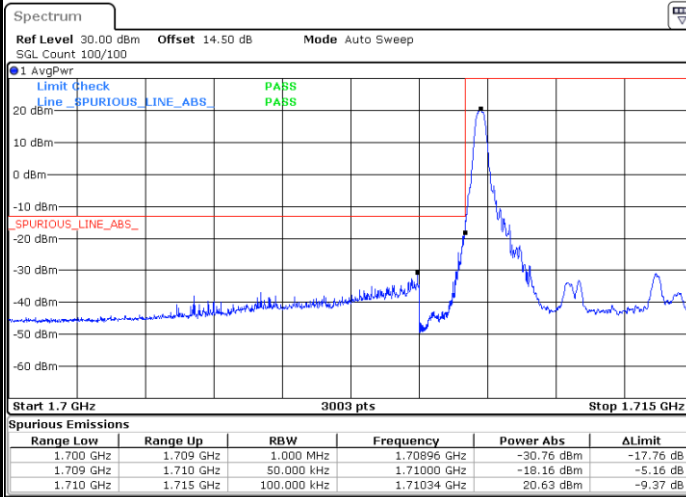


Date: 2 JAN 2025 18:29:32



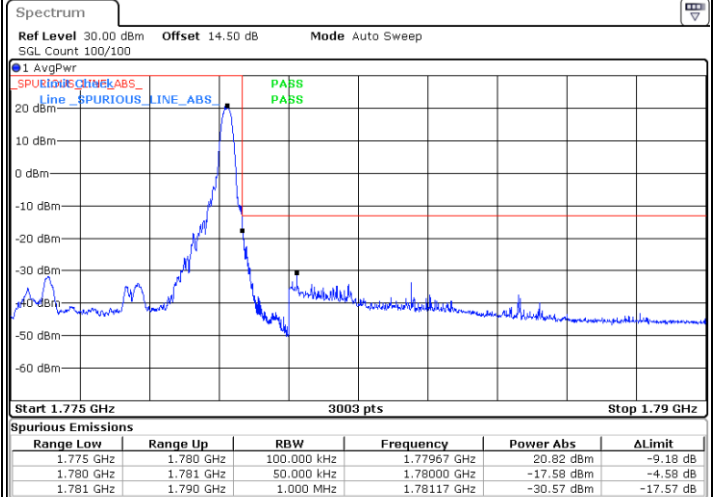
## LTE Band 66 / 5MHz / 16QAM

## Lowest Band Edge / 1 RB



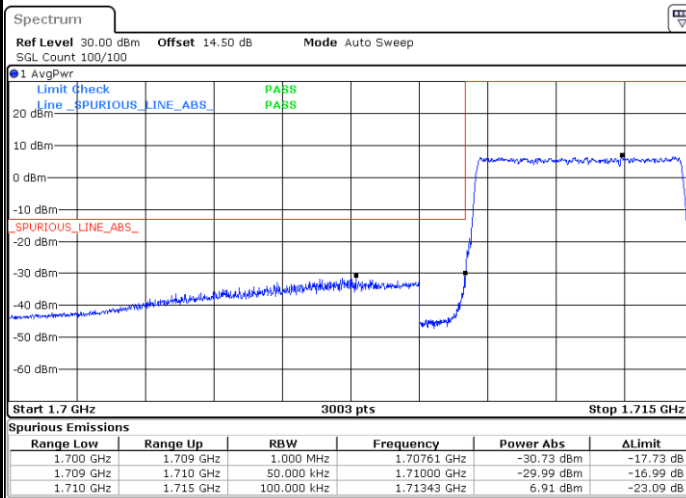
Date: 2 JAN 2025 18:19:38

## Highest Band Edge / 1 RB



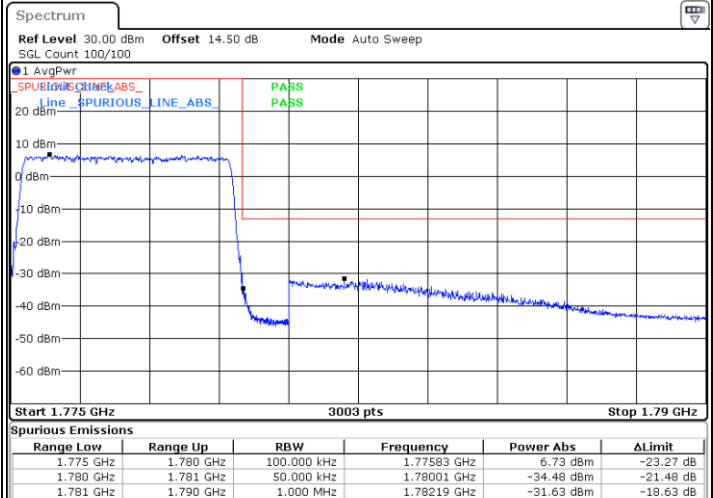
Date: 2 JAN 2025 18:27:51

## Lowest Band Edge / Full RB



Date: 2 JAN 2025 18:23:04

## Highest Band Edge / Full RB

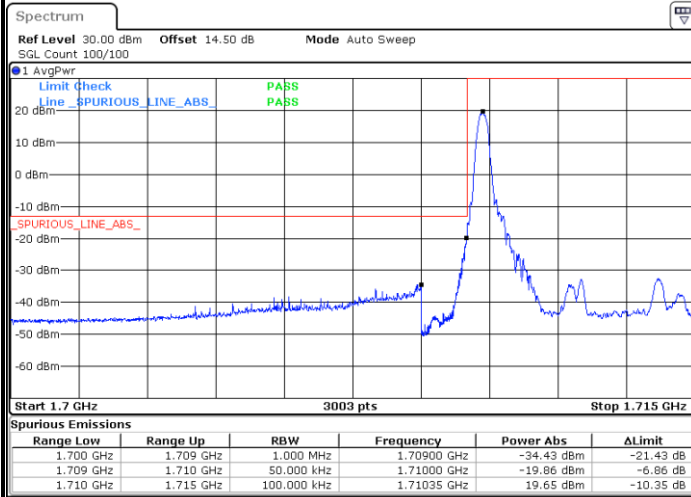


Date: 2 JAN 2025 18:30:22

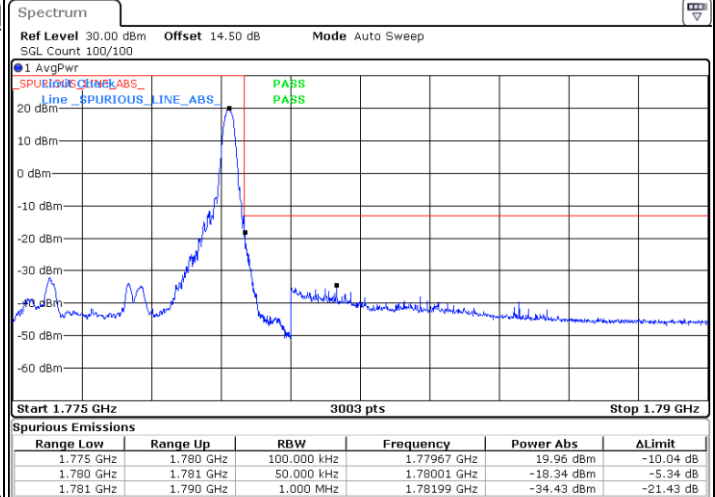


## LTE Band 66 / 5MHz / 64QAM

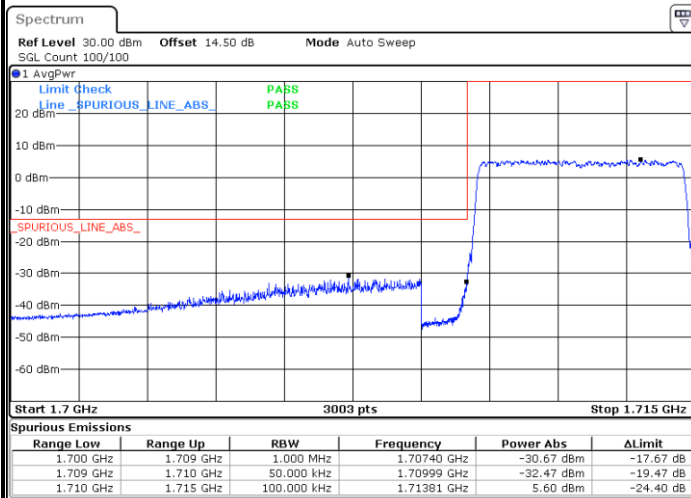
## Lowest Band Edge / 1 RB



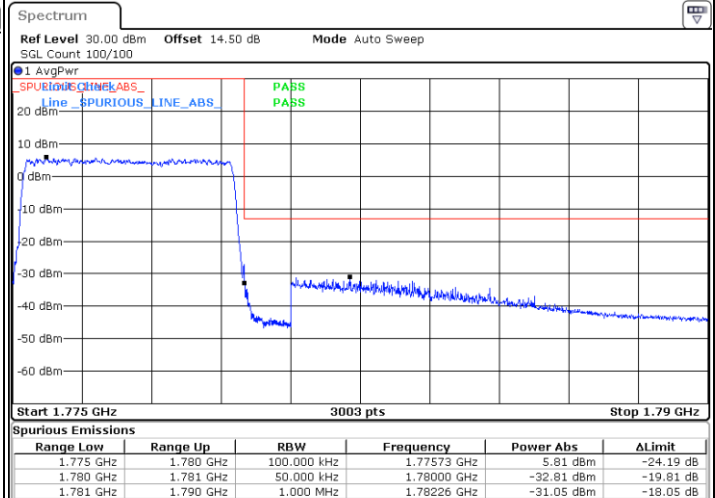
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



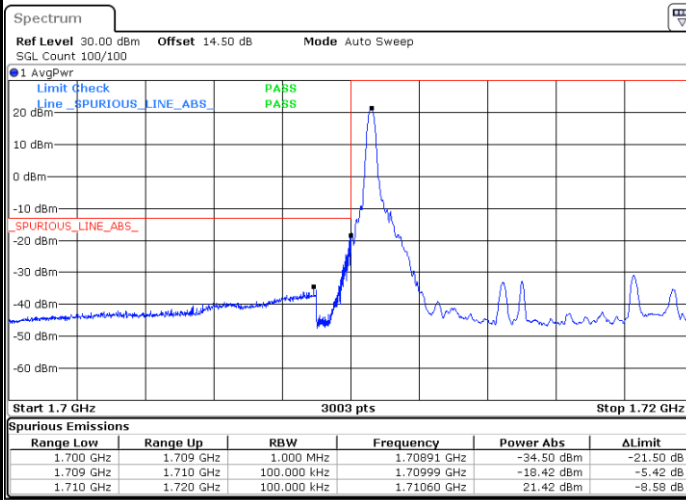
## Highest Band Edge / Full RB





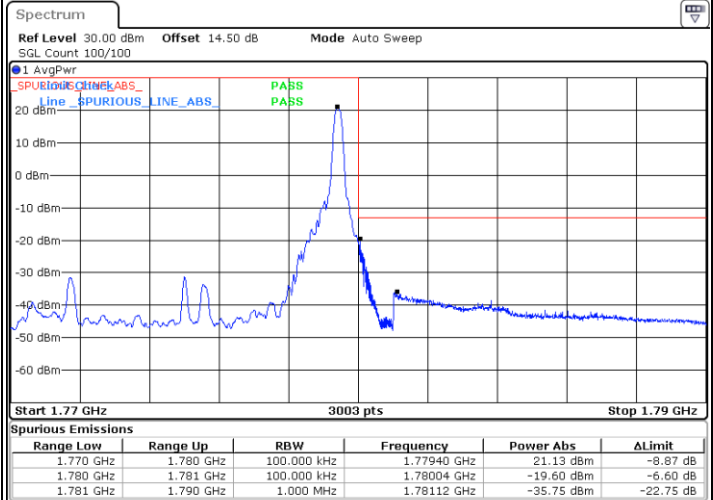
## LTE Band 66 / 10MHz / QPSK

## Lowest Band Edge / 1RB



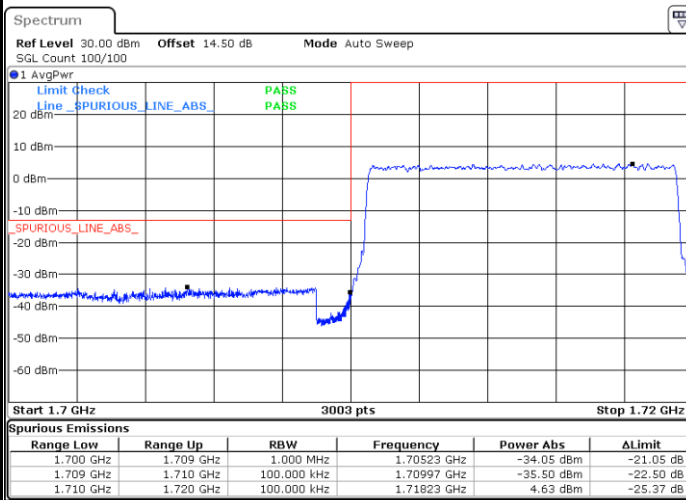
Date: 2 JAN 2025 18:33:41

## Highest Band Edge / 1RB



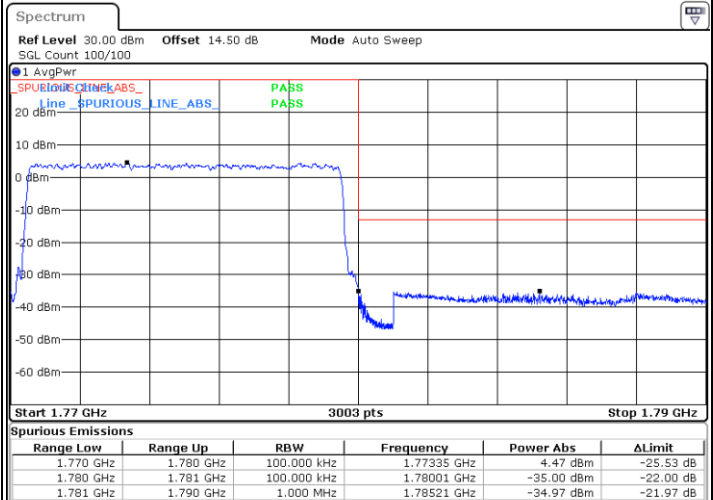
Date: 2 JAN 2025 18:41:55

## Lowest Band Edge / Full RB



Date: 2 JAN 2025 18:36:13

## Highest Band Edge / Full RB

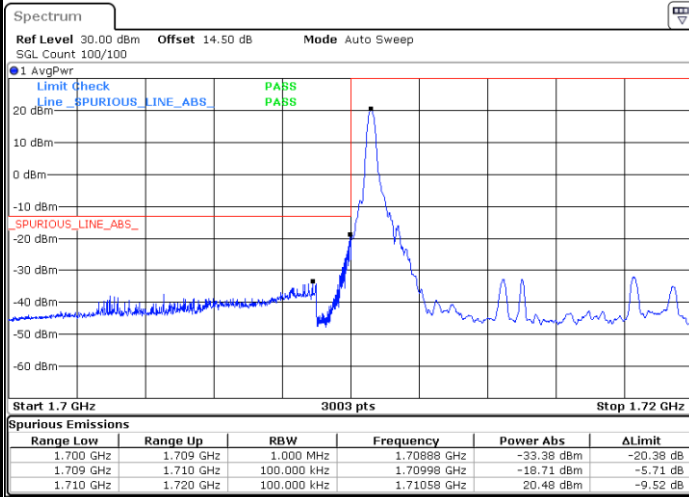


Date: 2 JAN 2025 18:44:26

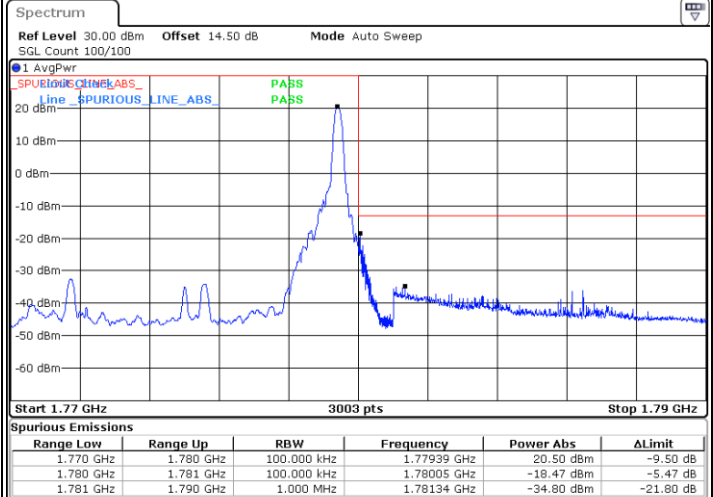


## LTE Band 66 / 10MHz / 16QAM

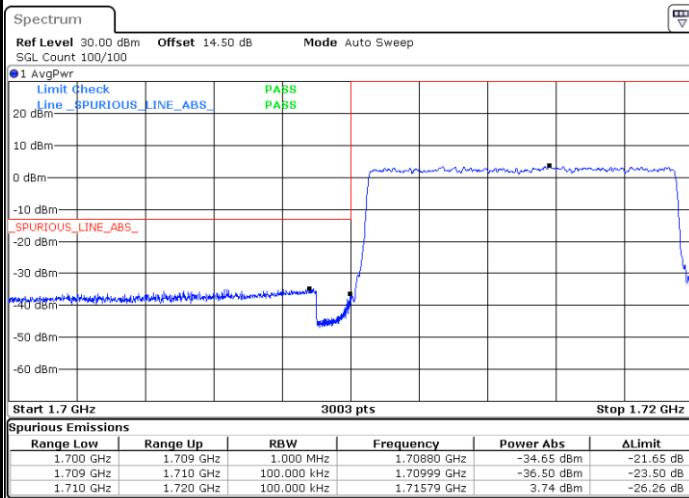
## Lowest Band Edge / 1 RB



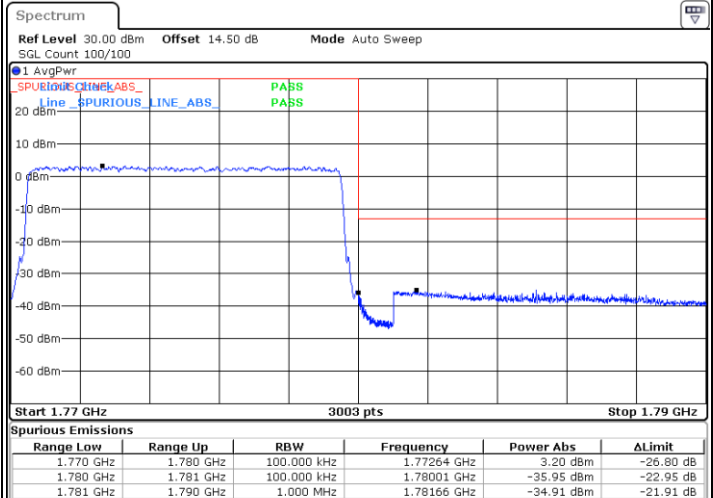
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



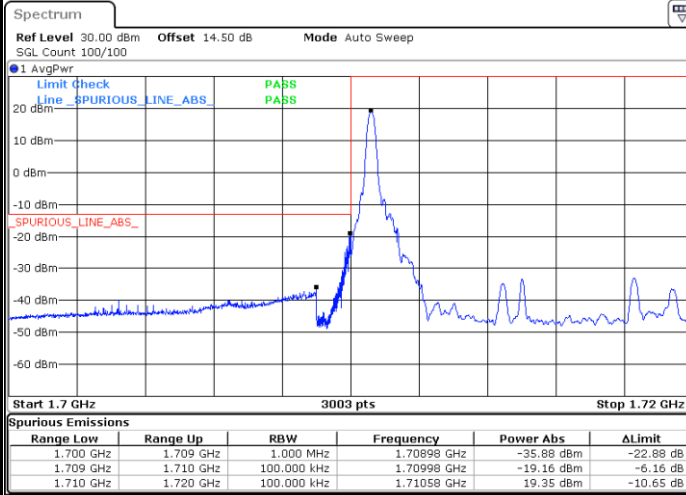
## Highest Band Edge / Full RB



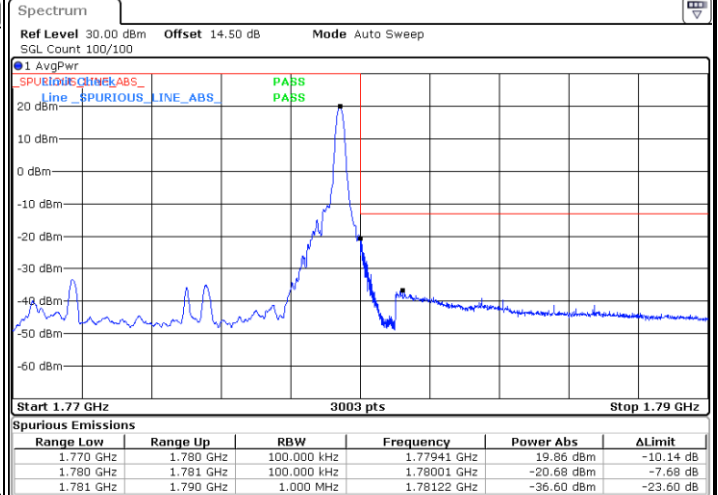


## LTE Band 66 / 10MHz / 64QAM

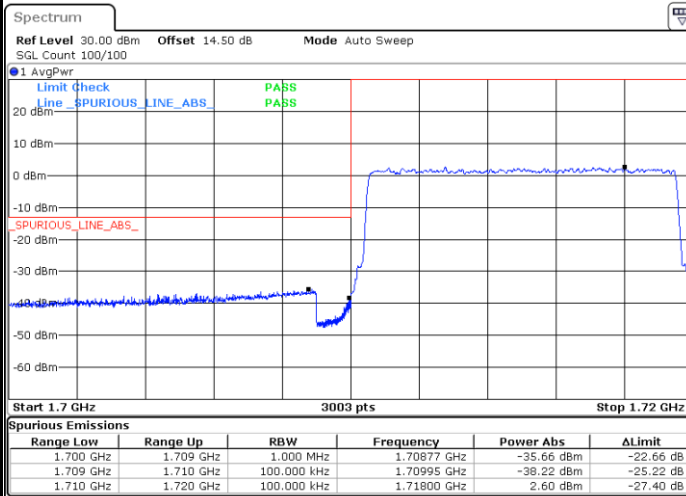
## Lowest Band Edge / 1 RB



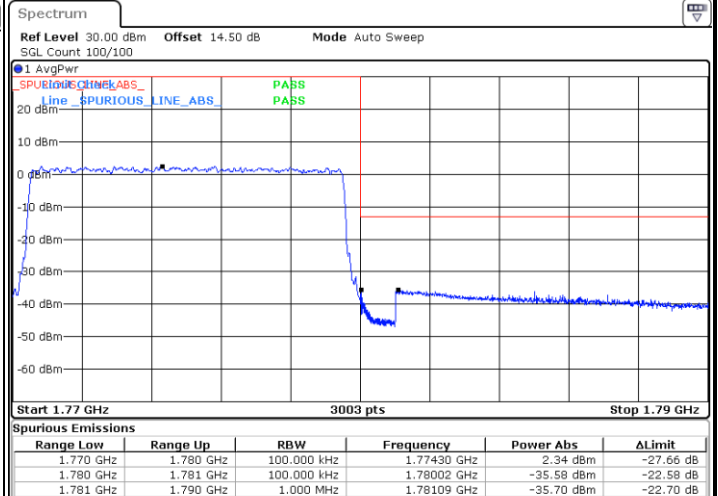
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



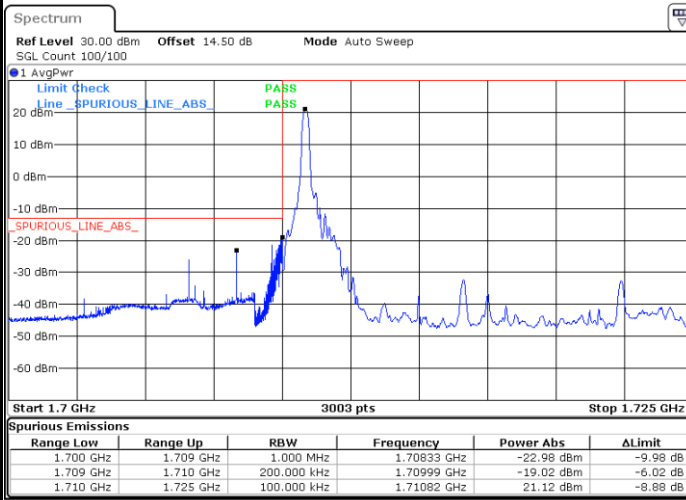
## Highest Band Edge / Full RB



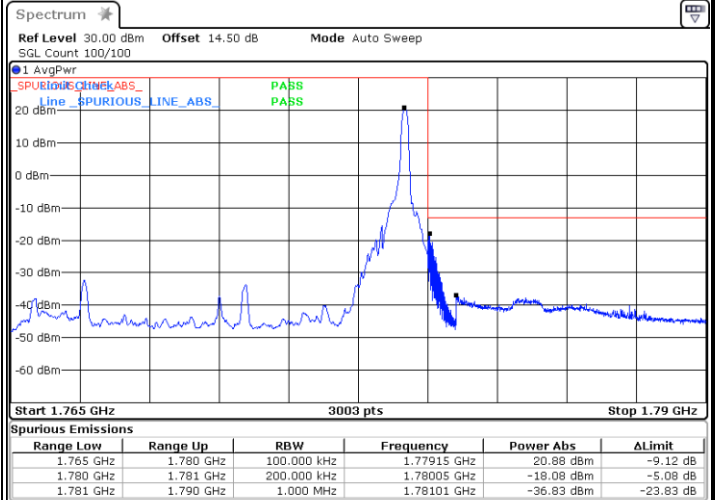


## LTE Band 66 / 15MHz / QPSK

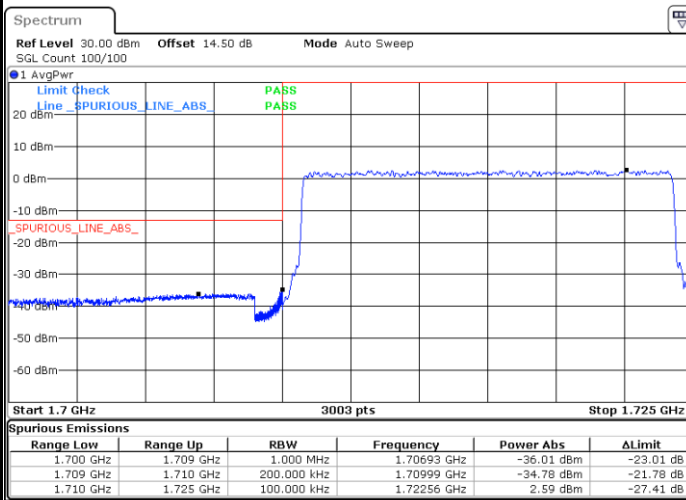
## Lowest Band Edge / 1RB



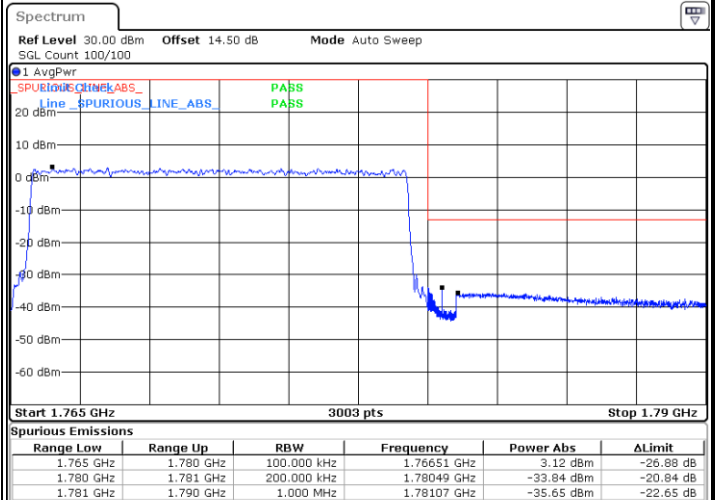
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



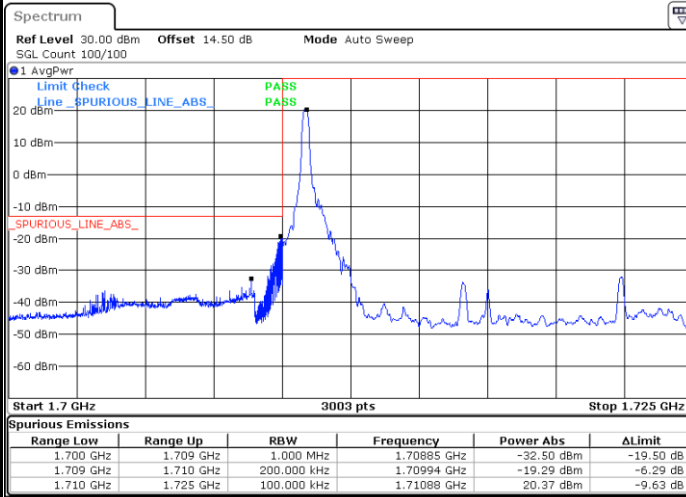
## Highest Band Edge / Full RB



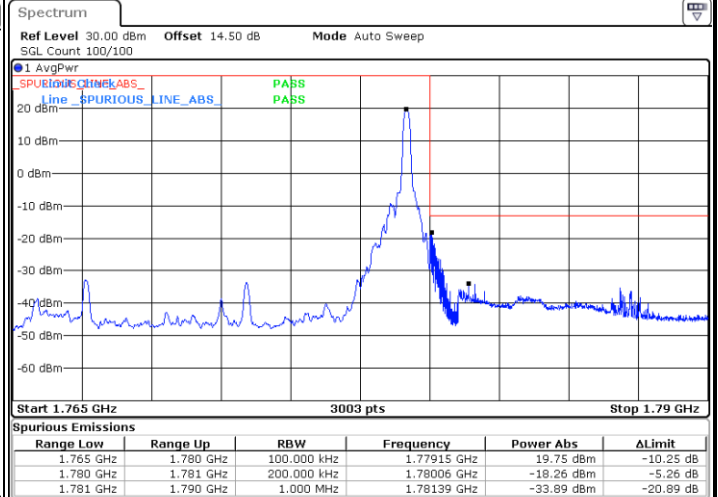


## LTE Band 66 / 15MHz / 16QAM

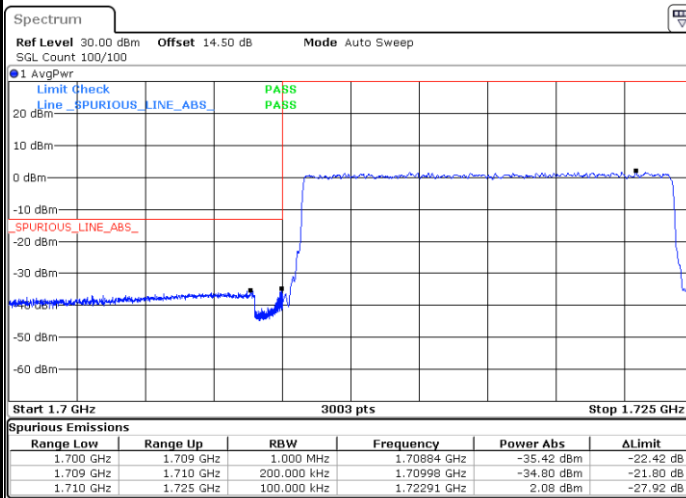
## Lowest Band Edge / 1 RB



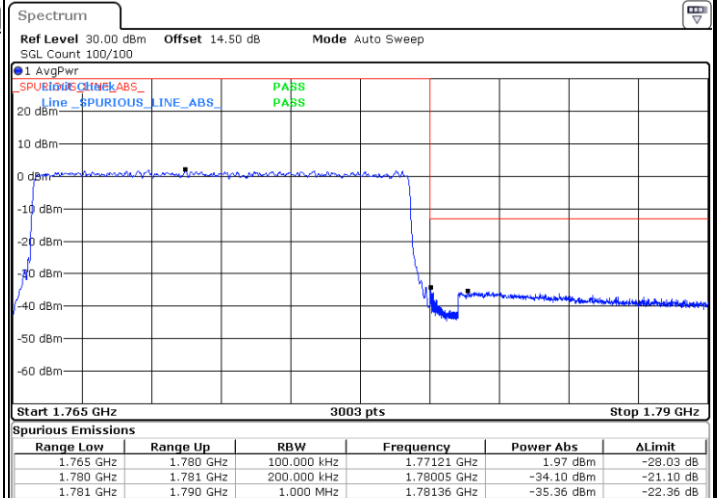
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



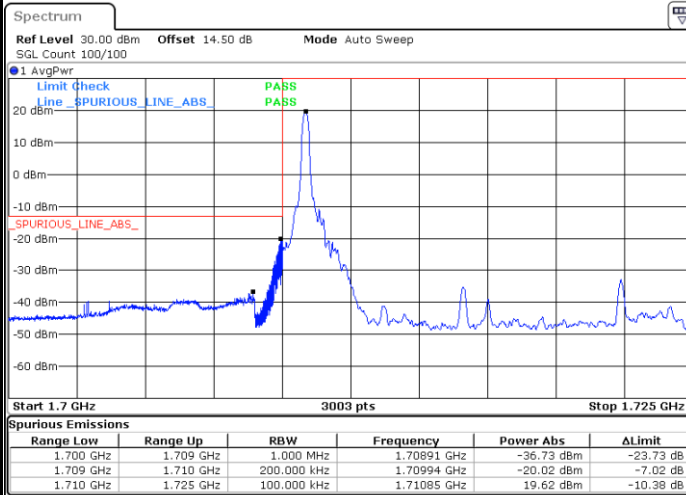
## Highest Band Edge / Full RB



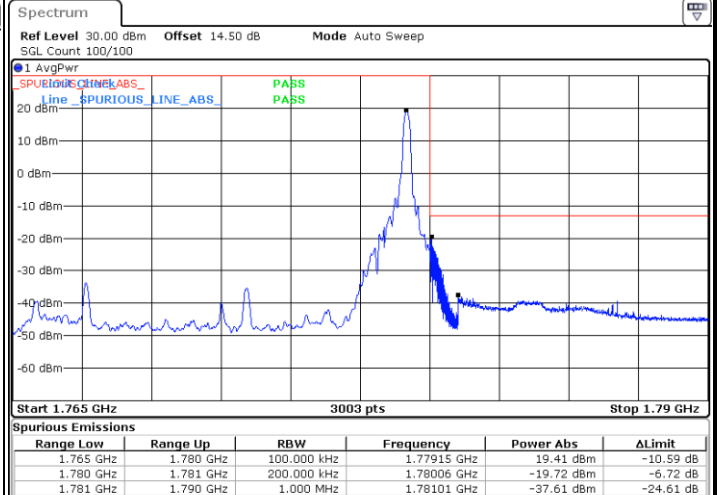


## LTE Band 66 / 15MHz / 64QAM

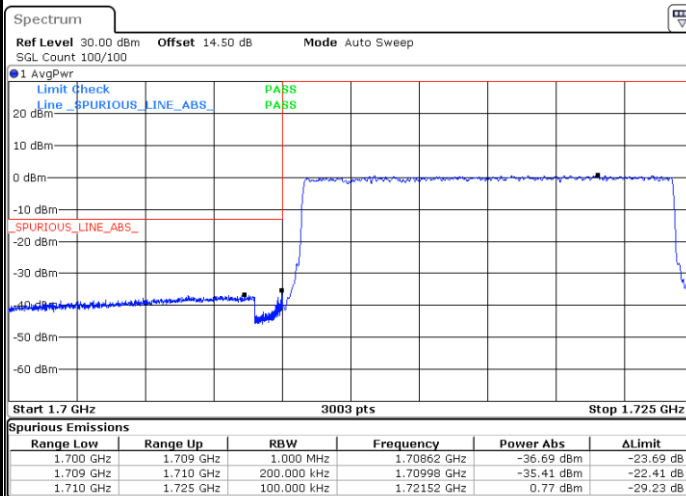
## Lowest Band Edge / 1 RB



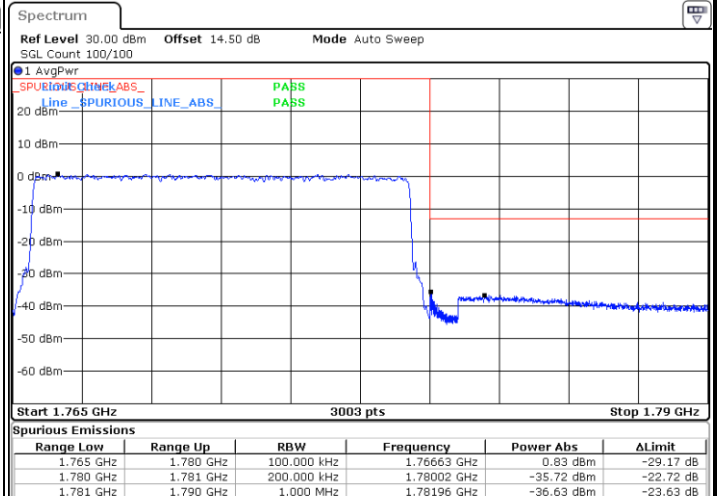
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



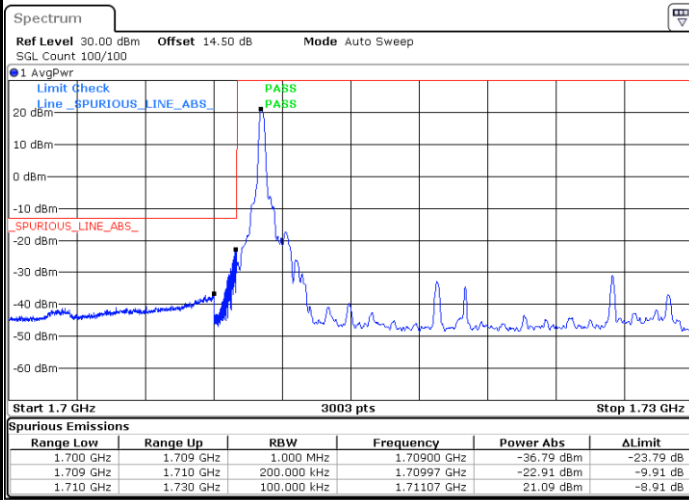
## Highest Band Edge / Full RB





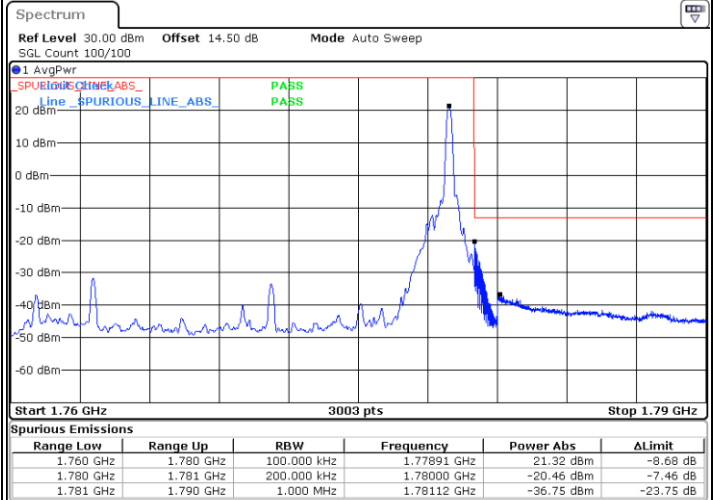
## LTE Band 66 / 20MHz / QPSK

## Lowest Band Edge / 1RB



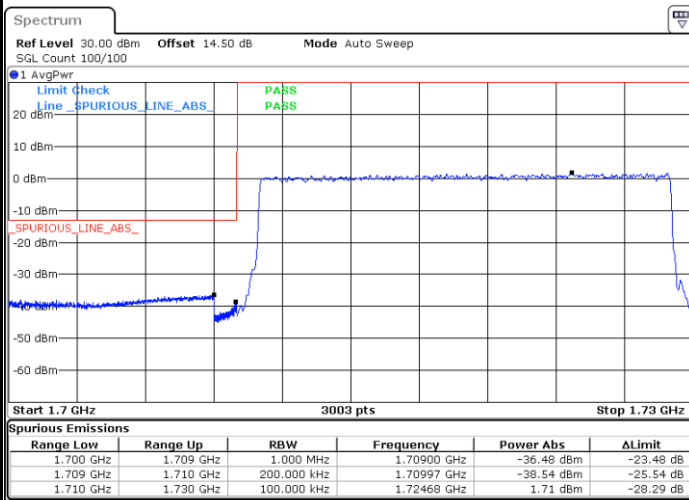
Date: 2 JAN 2025 19:03:29

## Highest Band Edge / 1RB



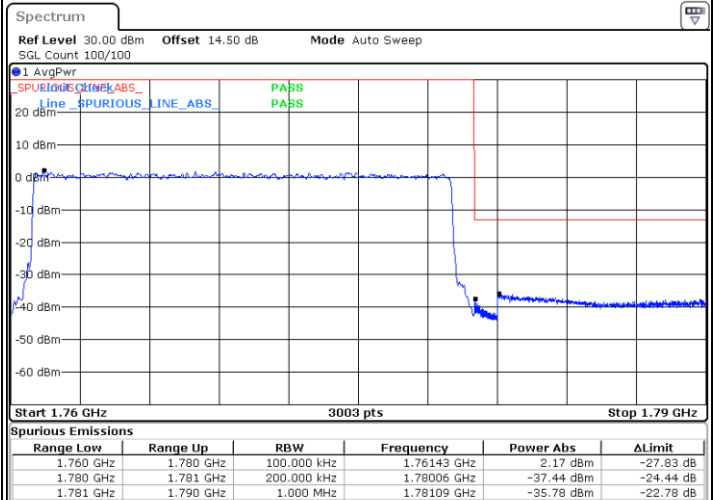
Date: 2 JAN 2025 19:13:04

## Lowest Band Edge / Full RB



Date: 2 JAN 2025 19:06:00

## Highest Band Edge / Full RB

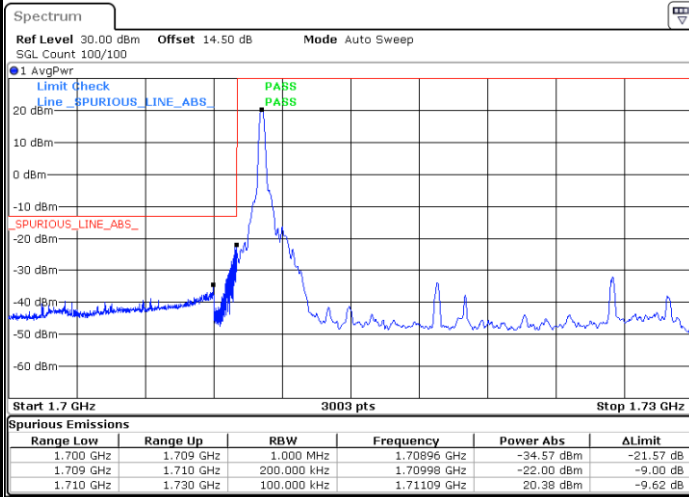


Date: 2 JAN 2025 19:15:35

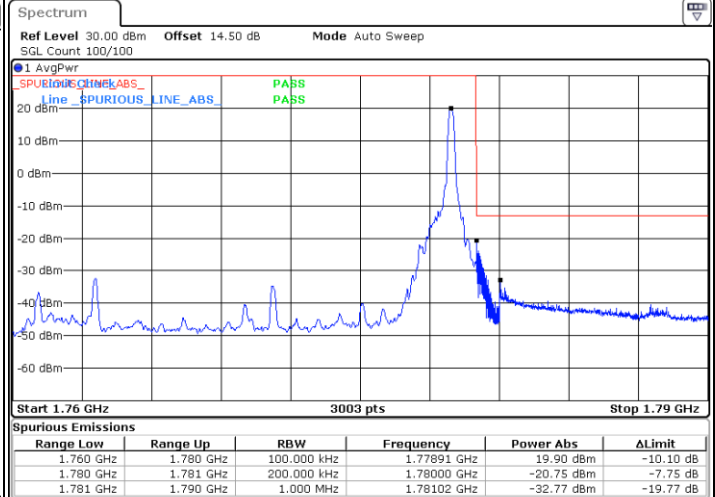


## LTE Band 66 / 20MHz / 16QAM

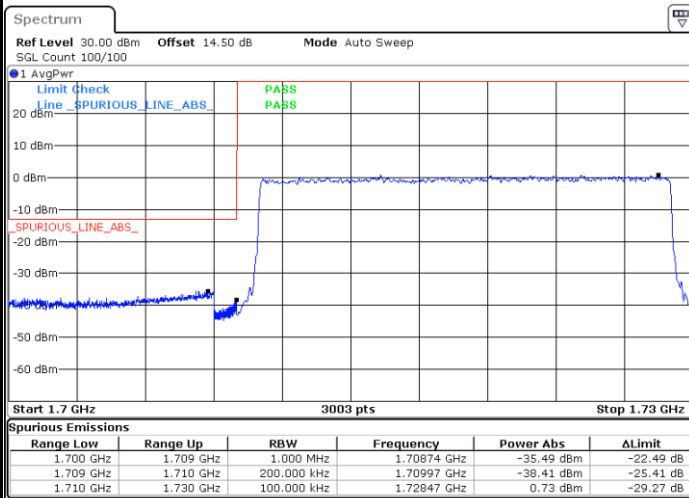
## Lowest Band Edge / 1 RB



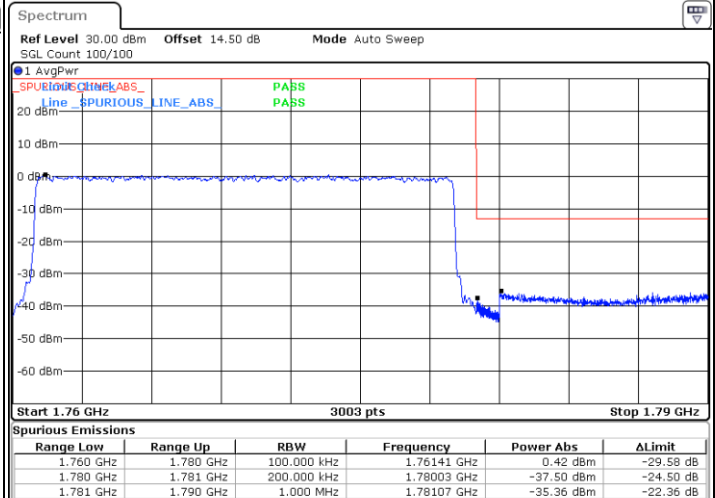
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



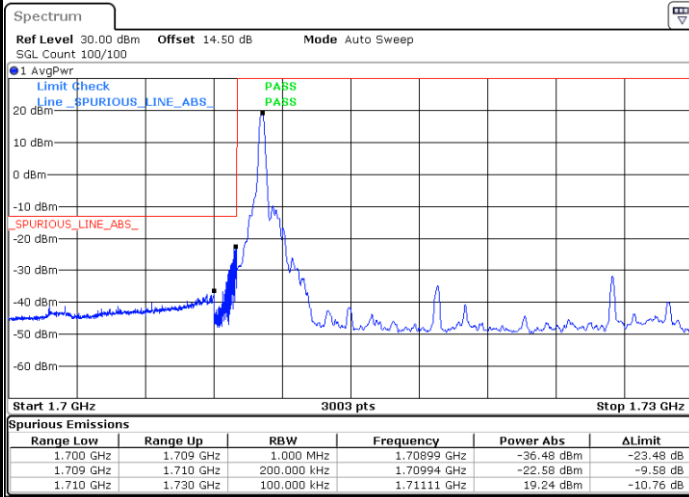
## Highest Band Edge / Full RB



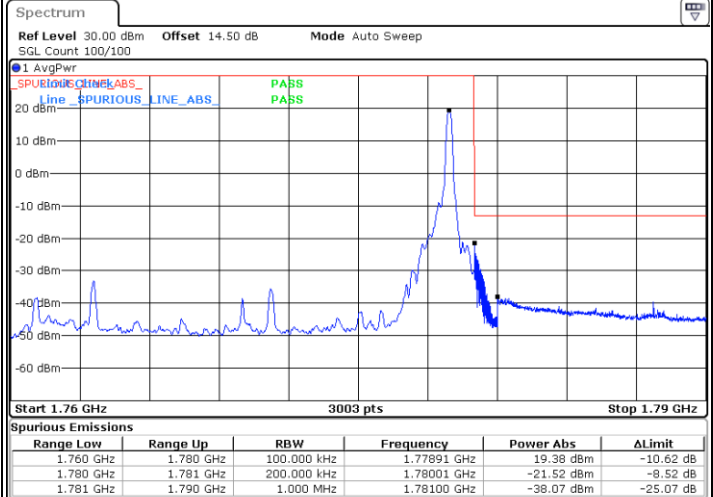


## LTE Band 66 / 20MHz / 64QAM

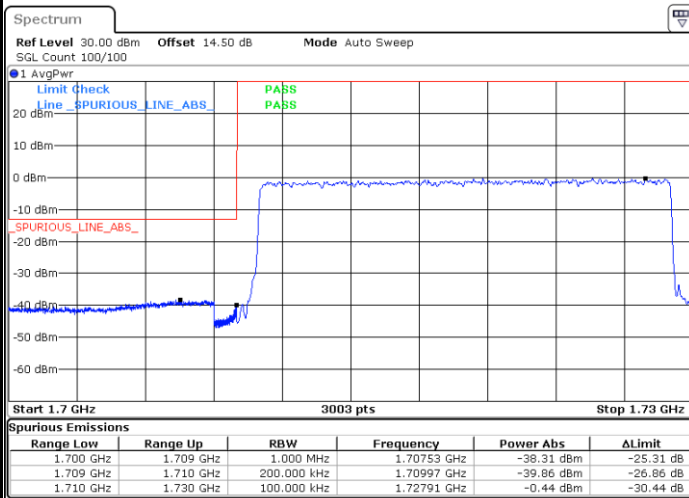
## Lowest Band Edge / 1 RB



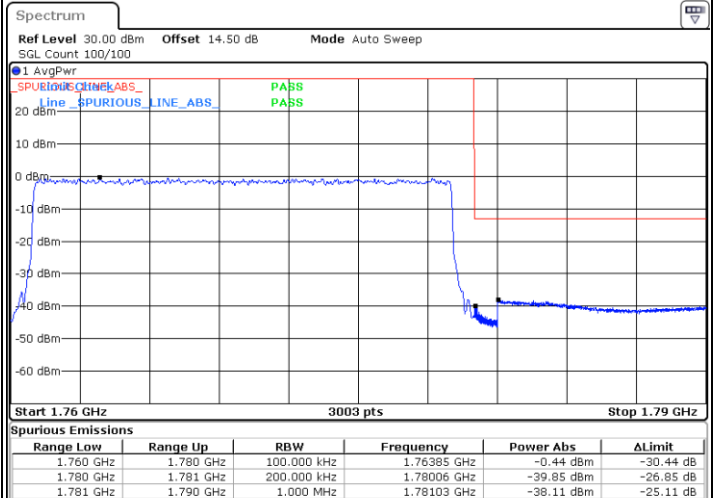
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



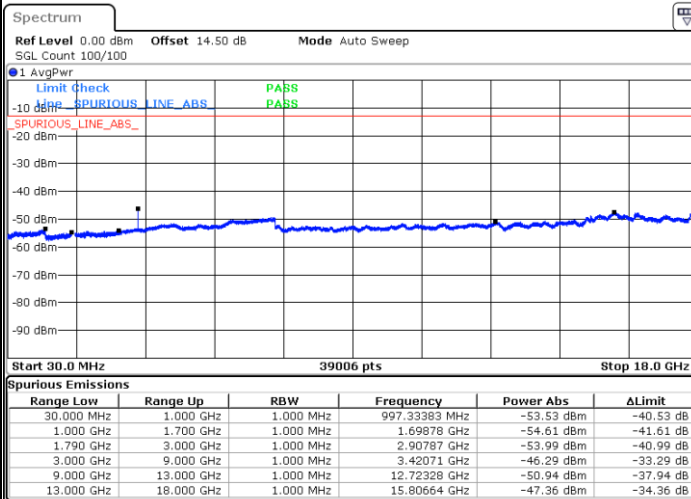
## Highest Band Edge / Full RB



## Conducted Spurious Emission

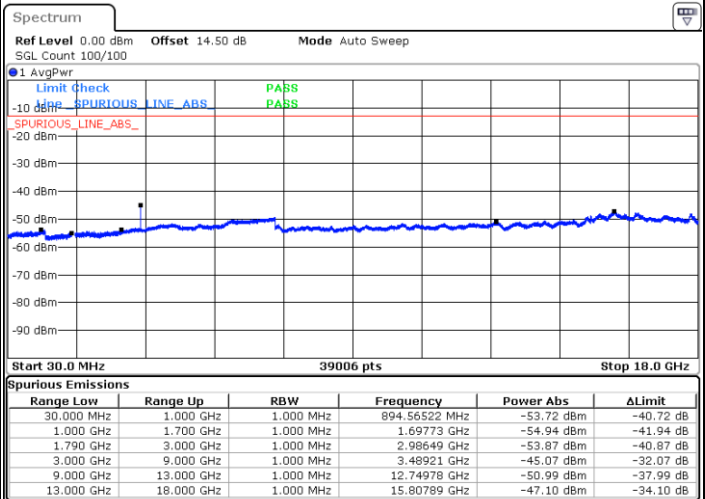
## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK



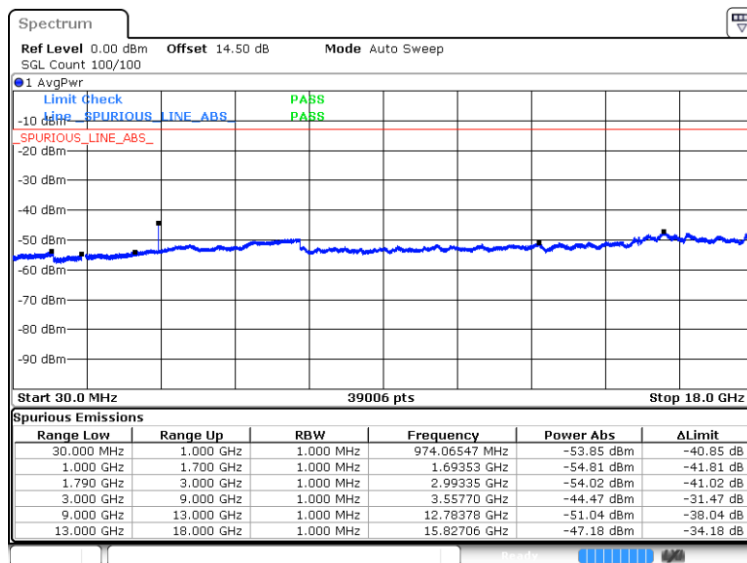
Date: 2.JAN.2025 17:51:36

### Middle Channel / QPSK



Date: 2.JAN.2025 17:55:02

### Highest Channel / QPSK

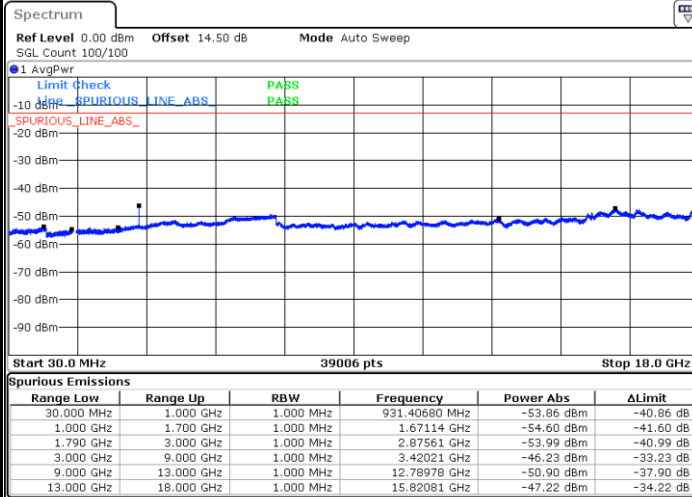


Date: 2.JAN.2025 17:59:49



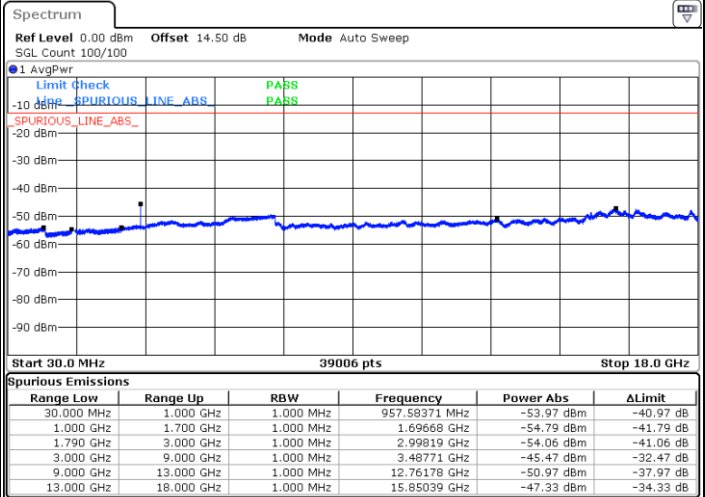
## LTE Band 66 / 3MHz

## Lowest Channel / QPSK



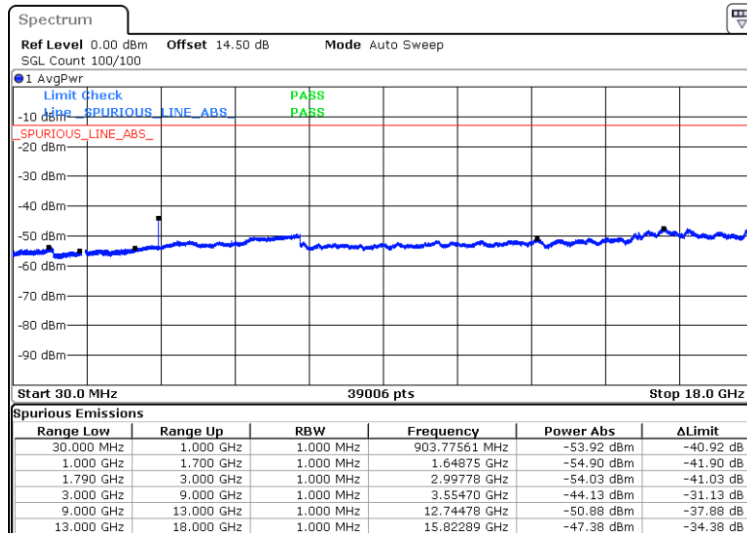
Date: 2 JAN 2025 18:06:29

## Middle Channel / QPSK



Date: 2 JAN 2025 18:09:56

## Highest Channel / QPSK

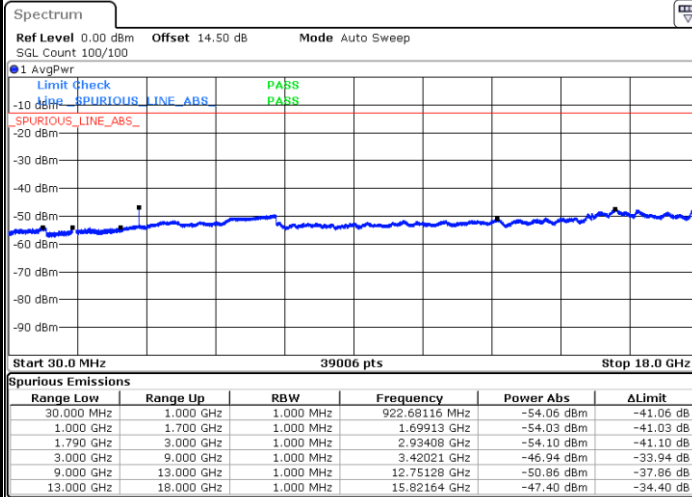


Date: 2 JAN 2025 18:17:14



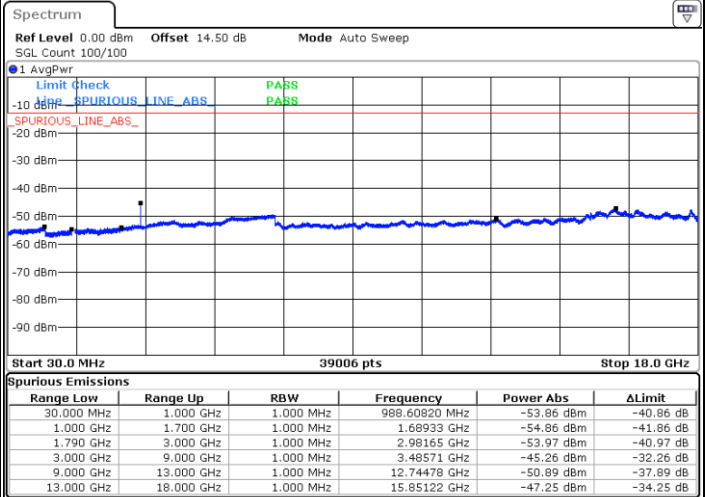
## LTE Band 66 / 5MHz

## Lowest Channel / QPSK



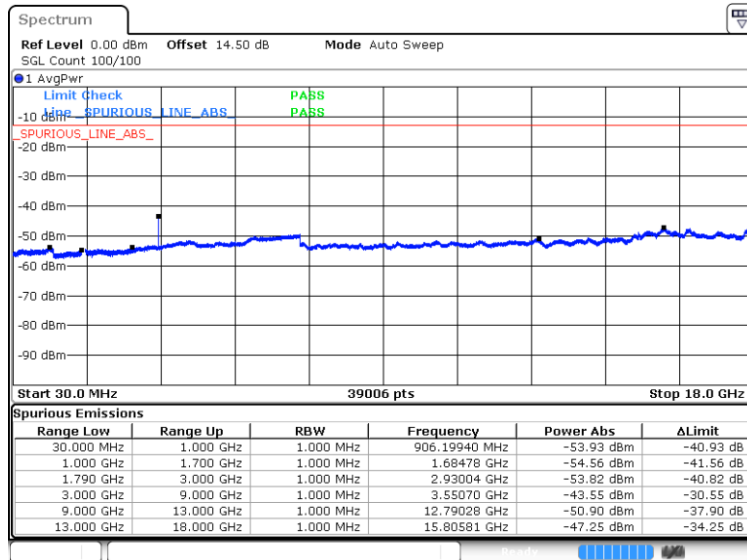
Date: 2 JAN 2025 18:21:23

## Middle Channel / QPSK



Date: 2 JAN 2025 18:24:49

## Highest Channel / QPSK

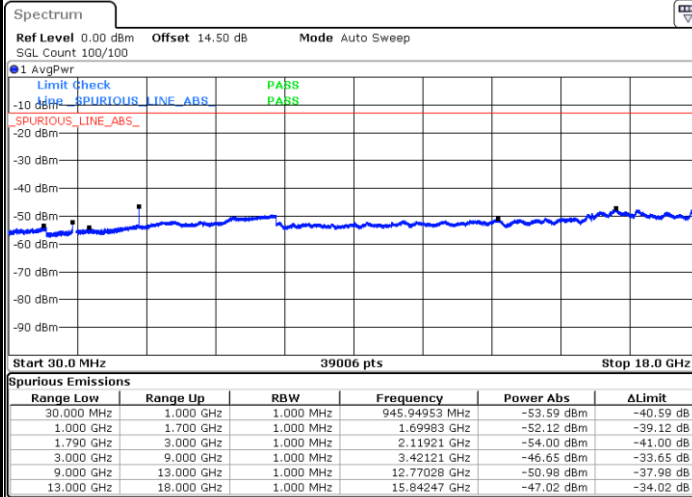


Date: 2 JAN 2025 18:32:08



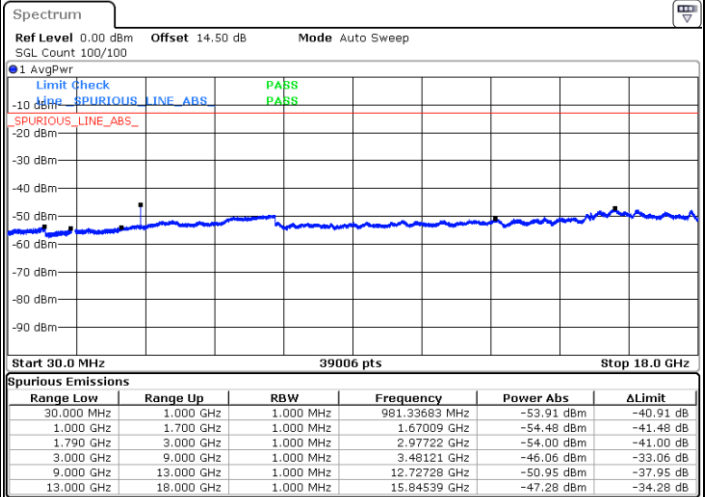
## LTE Band 66 / 10MHz

## Lowest Channel / QPSK



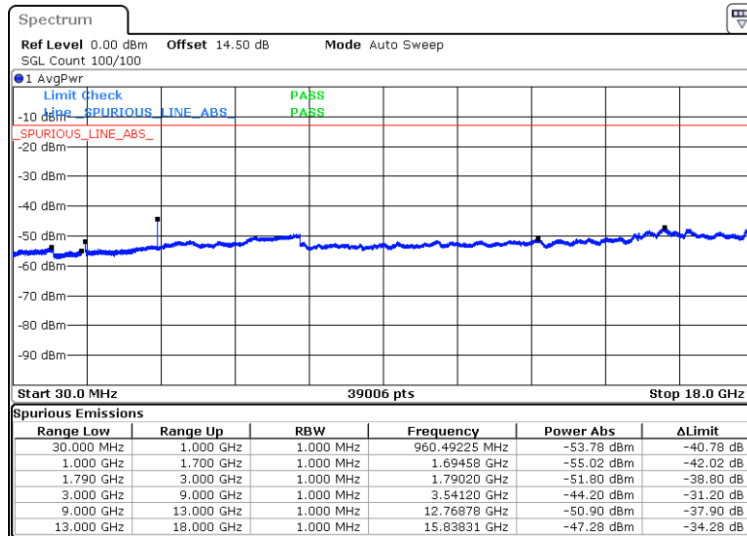
Date: 2 JAN 2025 18:38:49

## Middle Channel / QPSK



Date: 2 JAN 2025 18:39:44

## Highest Channel / QPSK

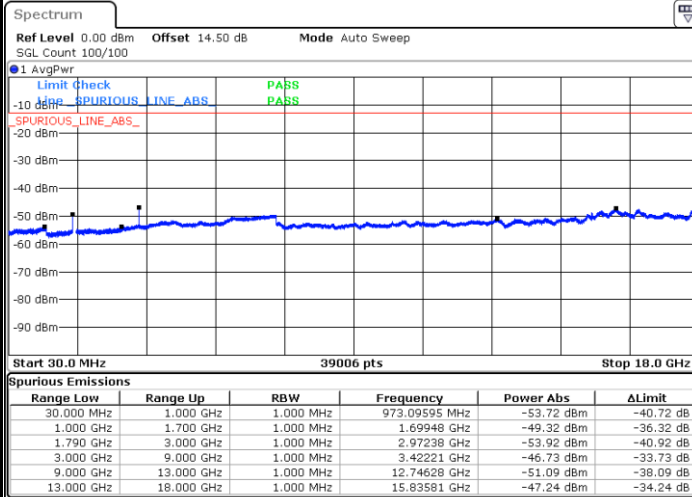


Date: 2 JAN 2025 18:47:02



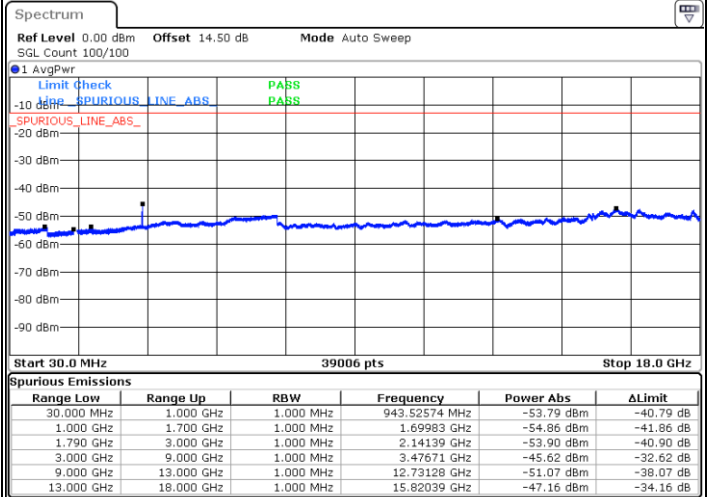
## LTE Band 66 / 15MHz

## Lowest Channel / QPSK



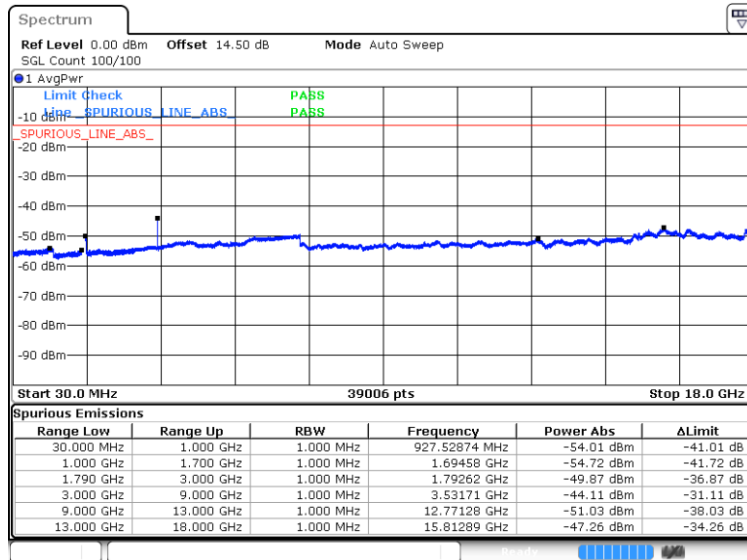
Date: 2 JAN 2025 18:53:42

## Middle Channel / QPSK



Date: 2 JAN 2025 18:54:37

## Highest Channel / QPSK

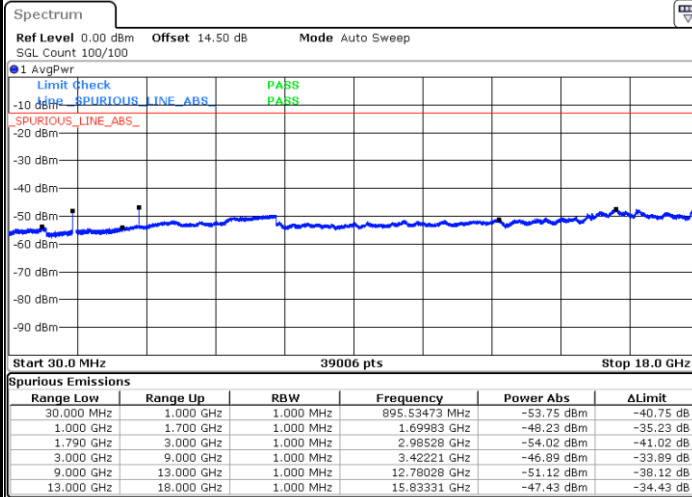


Date: 2 JAN 2025 19:01:55



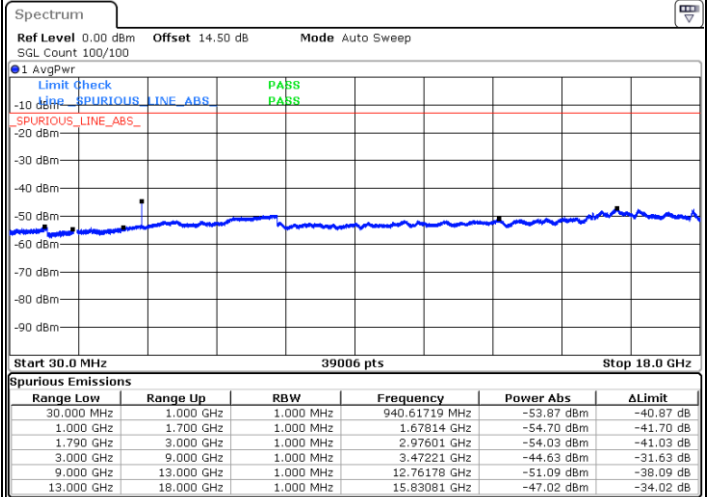
## LTE Band 66 / 20MHz

## Lowest Channel / QPSK



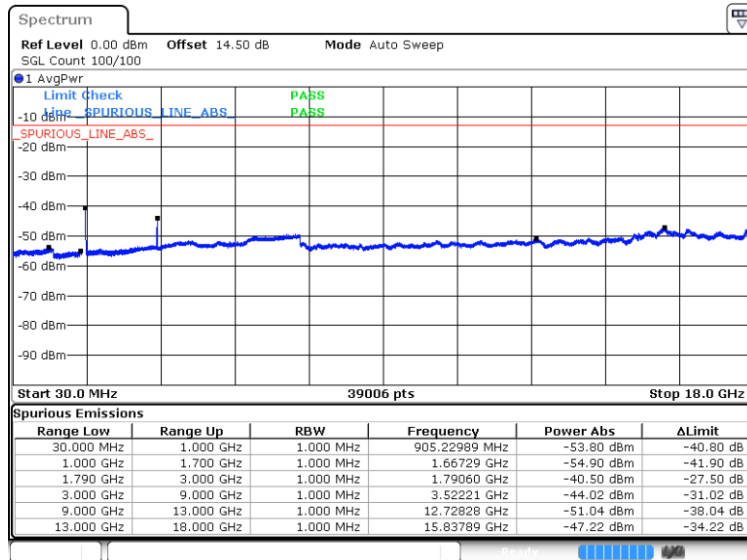
Date: 2 JAN 2025 19:08:36

## Middle Channel / QPSK



Date: 2 JAN 2025 19:09:31

## Highest Channel / QPSK



Date: 2 JAN 2025 19:18:11

## Frequency Stability

| Test Conditions     |                   | LTE Band 66 (QPSK) / Middle Channel | Limit   |
|---------------------|-------------------|-------------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 10MHz                            | Note 2. |
|                     |                   | Deviation (ppm)                     | Result  |
| 50                  | Normal Voltage    | 0.0016                              | PASS    |
| 40                  | Normal Voltage    | 0.0013                              |         |
| 30                  | Normal Voltage    | 0.0017                              |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                              |         |
| 10                  | Normal Voltage    | 0.0016                              |         |
| 0                   | Normal Voltage    | 0.0073                              |         |
| -10                 | Normal Voltage    | 0.0001                              |         |
| -20                 | Normal Voltage    | 0.0006                              |         |
| -30                 | Normal Voltage    | 0.0003                              |         |
| 20                  | Maximum Voltage   | 0.0073                              |         |
| 20                  | Normal Voltage    | 0.0000                              |         |
| 20                  | Battery End Point | 0.0049                              |         |

**Note:**

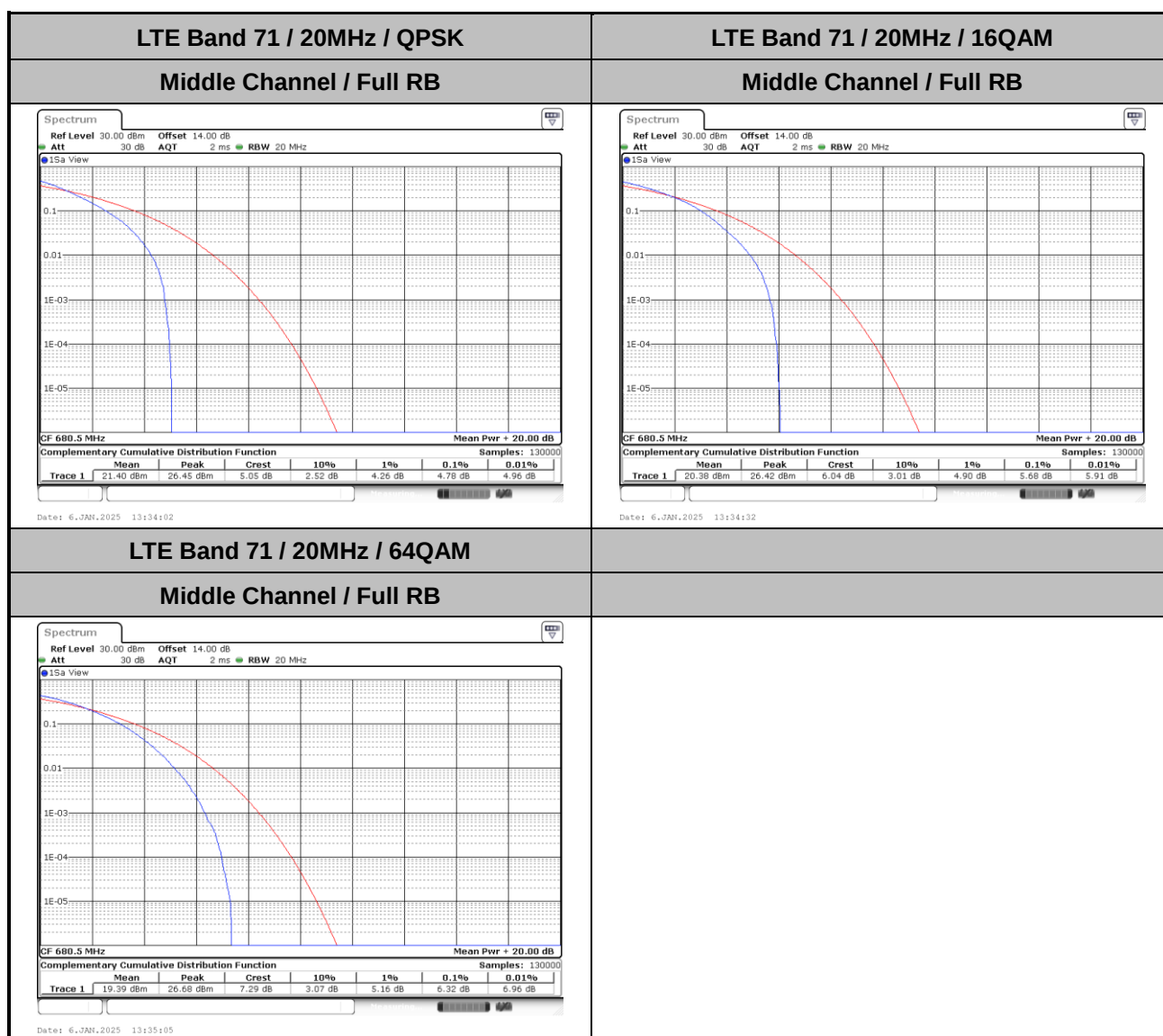
1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 71

## Peak-to-Average Ratio

| Mode      | LTE Band 71 / 20MHz |         |         |             |
|-----------|---------------------|---------|---------|-------------|
| Mod.      | QPSK                | 16QAM   | 64QAM   | Limit: 13dB |
| RB Size   | Full RB             | Full RB | Full RB | Result      |
| Middle CH | 4.78                | 5.68    | 6.32    | PASS        |



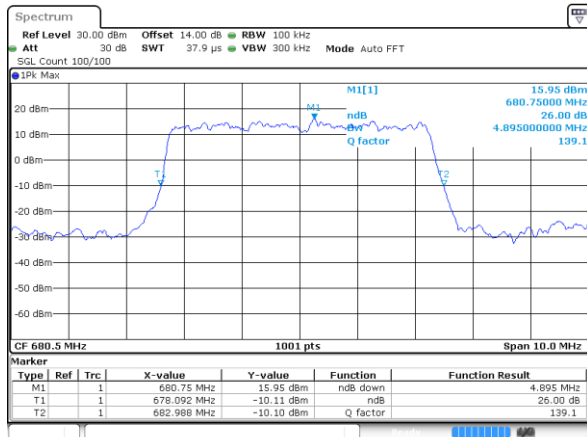


## 26dB Bandwidth

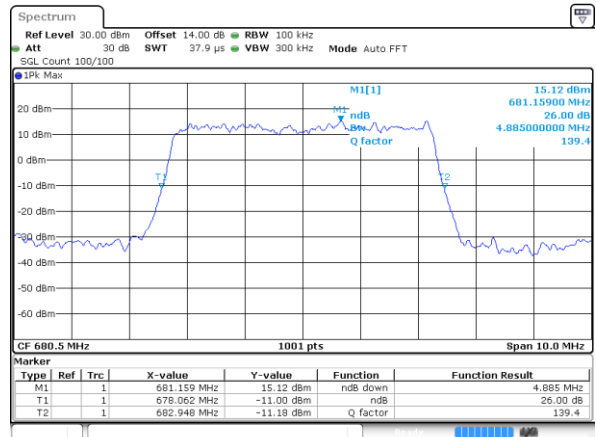
| Mode      | LTE Band 71 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | -                          | -     | -    | -     | 4.90 | 4.89  | 9.91  | 9.75  | 14.12 | 14.48 | 19.10 | 18.70 |

### LTE Band 71

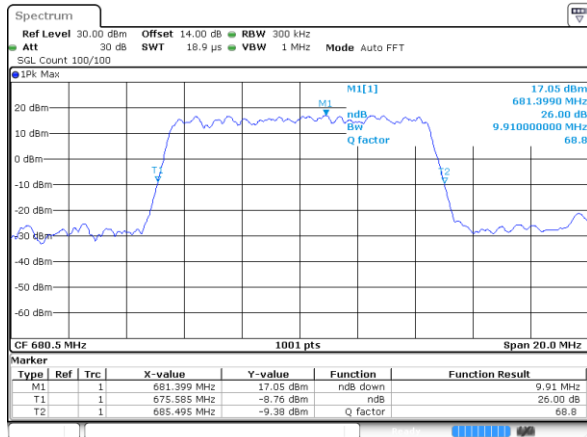
#### Middle Channel / 5MHz / QPSK



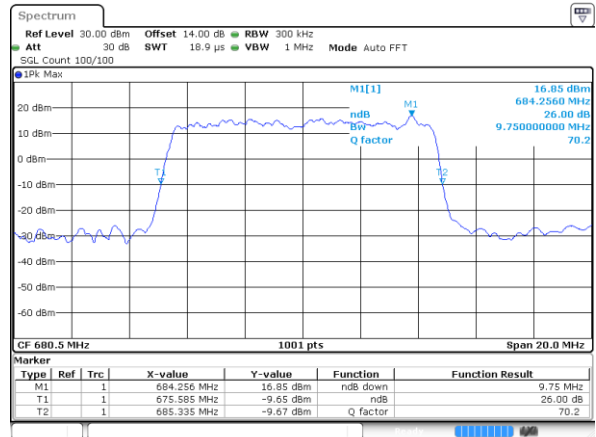
#### Middle Channel / 5MHz / 16QAM



#### Middle Channel / 10MHz / QPSK



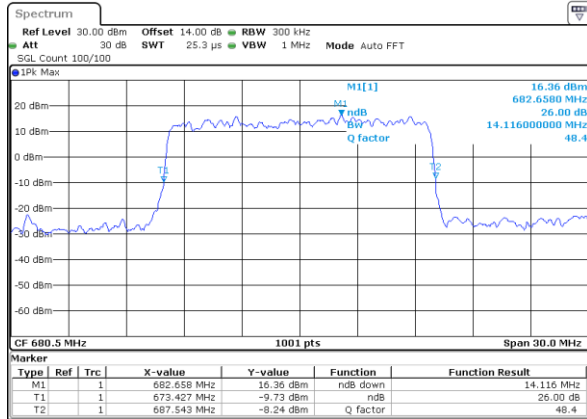
#### Middle Channel / 10MHz / 16QAM





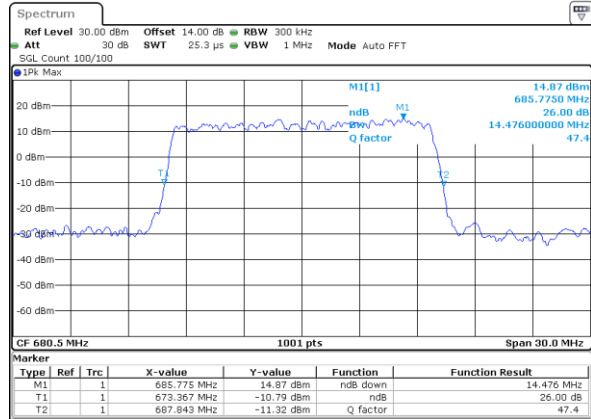
## LTE Band 71

## Middle Channel / 15MHz / QPSK



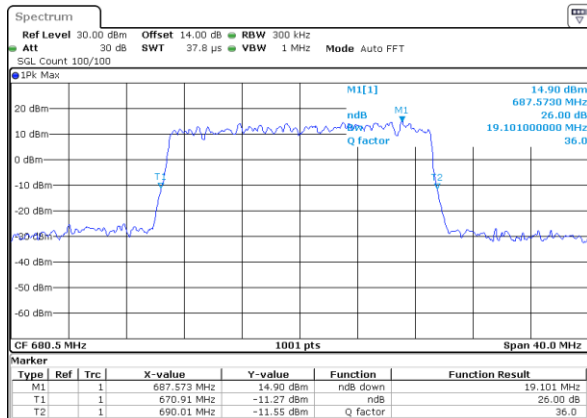
Date: 2 JAN 2025 14:19:41

## Middle Channel / 15MHz / 16QAM



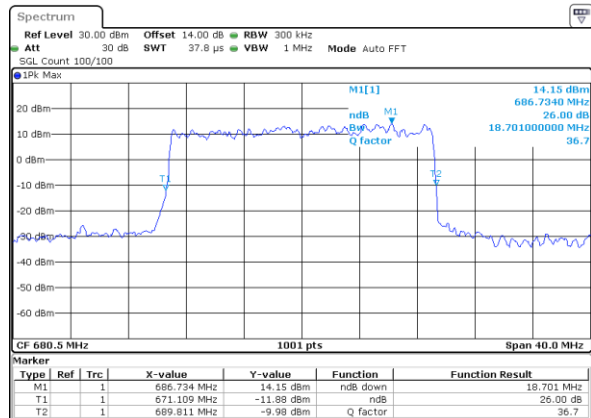
Date: 2 JAN 2025 14:20:21

## Middle Channel / 20MHz / QPSK



Date: 2 JAN 2025 15:36:43

## Middle Channel / 20MHz / 16QAM



Date: 2 JAN 2025 15:37:22

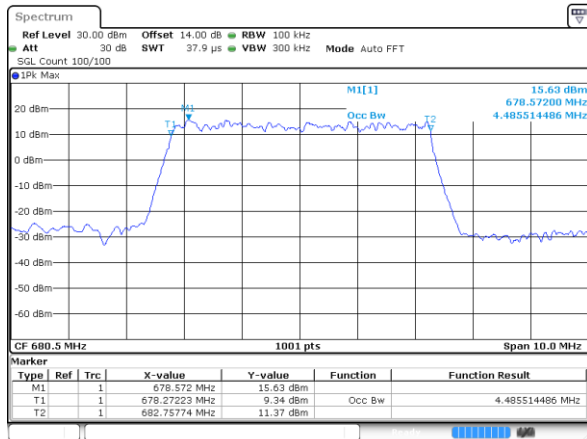


## Occupied Bandwidth

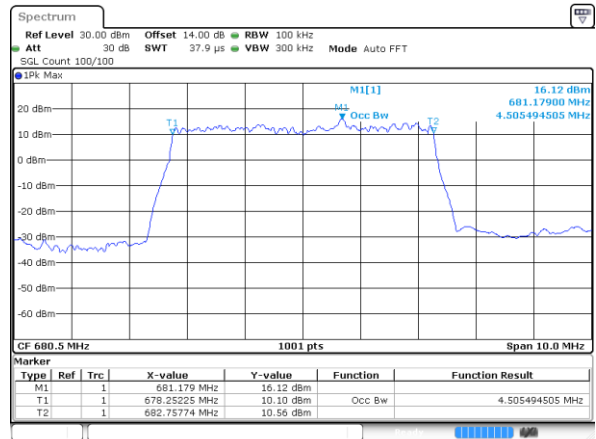
| Mode      | LTE Band 71 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|-----------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW        | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.      | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Middle CH | -                         | -     | -    | -     | 4.49 | 4.51  | 9.03  | 8.99  | 13.40 | 13.40 | 17.86 | 17.90 |

### LTE Band 71

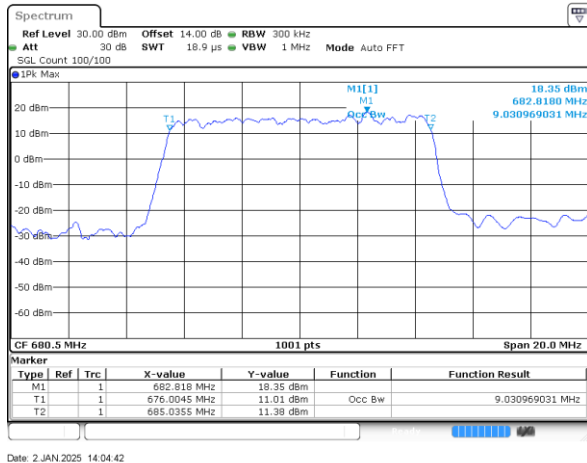
#### Middle Channel / 5MHz / QPSK



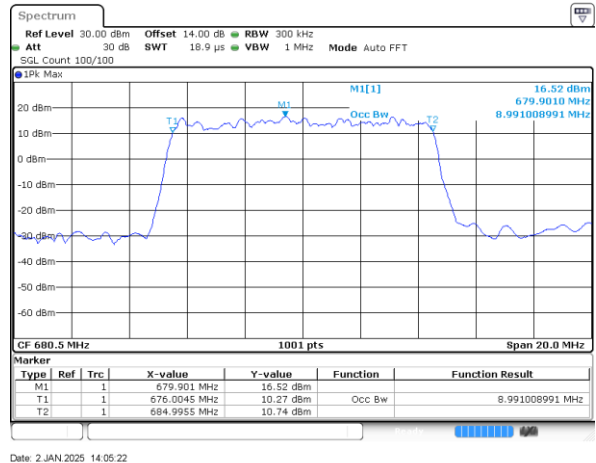
#### Middle Channel / 5MHz / 16QAM



#### Middle Channel / 10MHz / QPSK



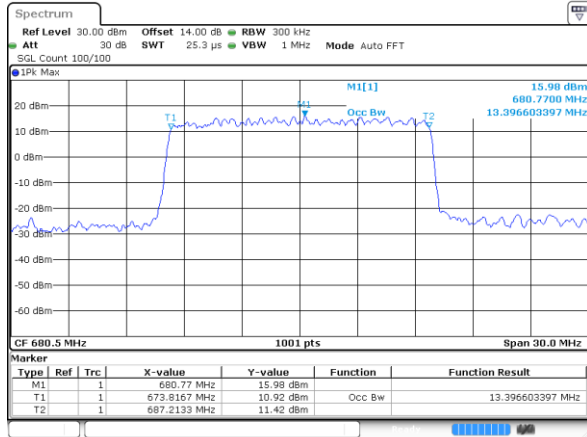
#### Middle Channel / 10MHz / 16QAM



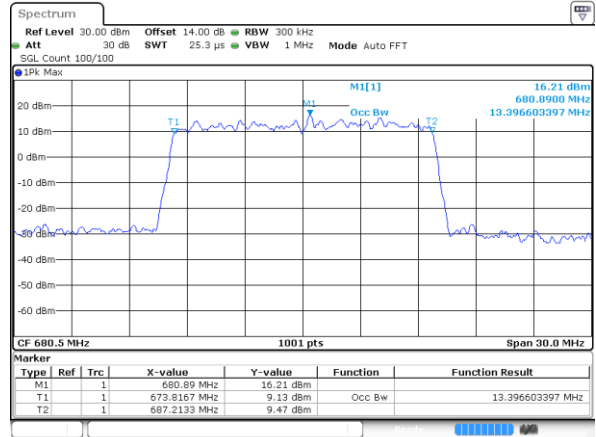


## LTE Band 71

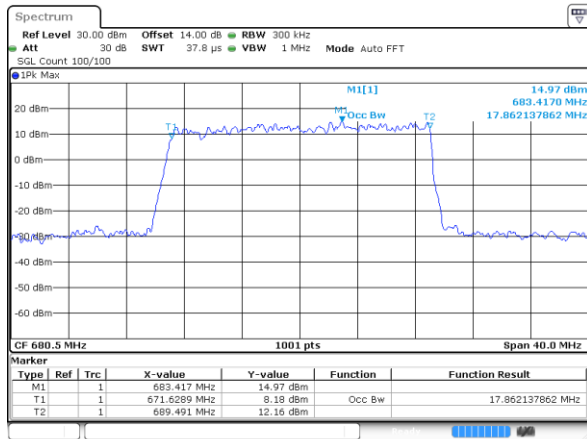
## Middle Channel / 15MHz / QPSK



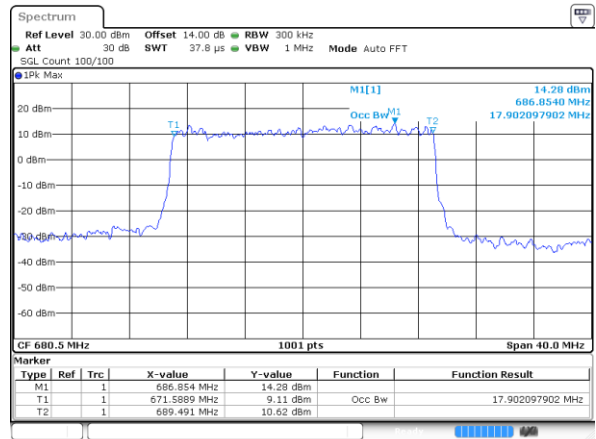
## Middle Channel / 15MHz / 16QAM



## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM

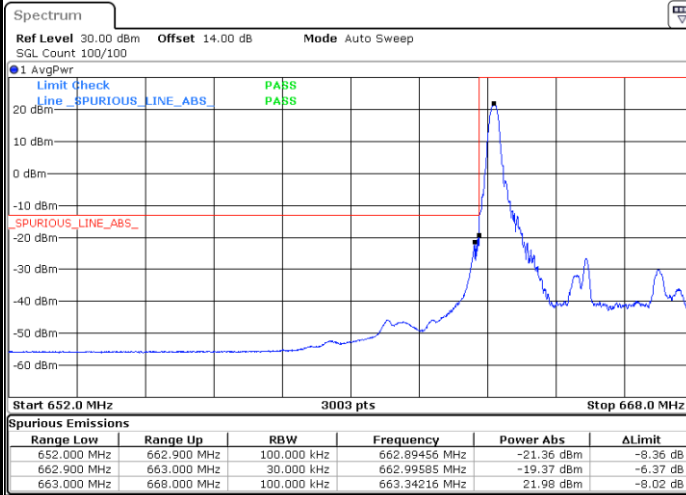




# Conducted Band Edge

## LTE Band 71 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



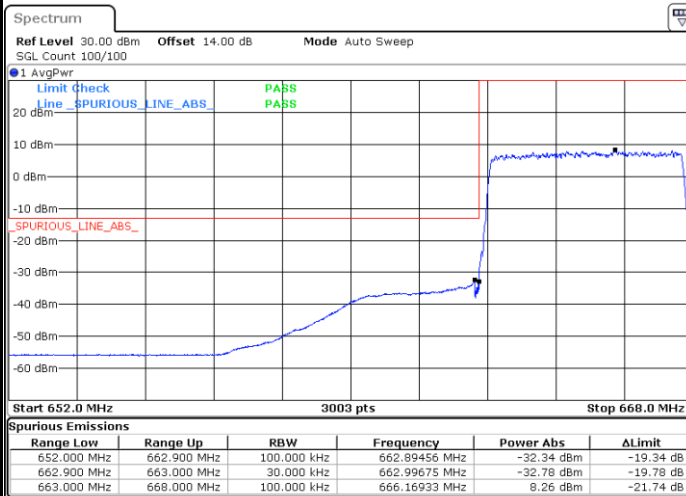
Date: 2 JAN 2025 14:41:12

### Highest Band Edge / 1 RB



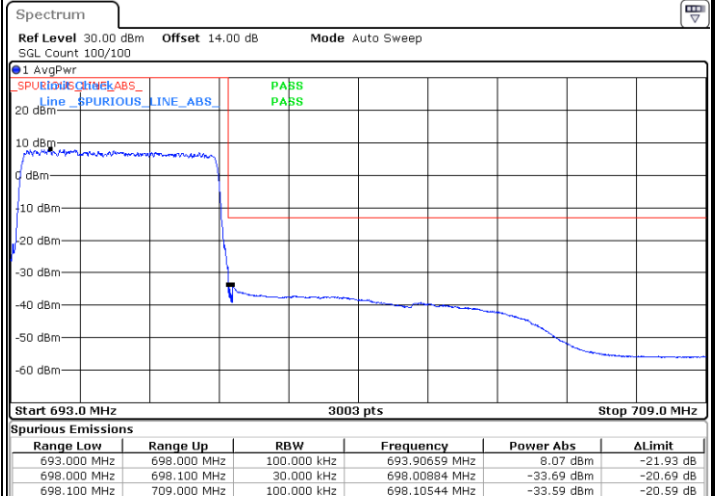
Date: 2 JAN 2025 14:44:34

### Lowest Band Edge / Full RB



Date: 2 JAN 2025 14:42:03

### Highest Band Edge / Full RB



Date: 2 JAN 2025 14:47:04